



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

NYPL RESEARCH LIBRARIES



3 3433 06911032 2



3-VDL

N.Y.C.

AQUEDUCT



MINUTES

OF THE

1.24
AQUEDUCT COMMISSIONERS,

1897.

6115
VOLUME 13.

NEW YORK
PUBLIC
LIBRARY

NEW YORK:
W. P. MITCHELL & SON, PRINTERS AND STATIONERS,
39 BEEKMAN STREET.

1898. i

THE NEW YORK
PUBLIC LIBRARY
334908
ASTOR, LENOX AND
TILDEN FOUNDATIONS
1906

ASTOR
LENOX
TILDEN

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, January 6, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

Pursuant to the By-laws, on motion of Commissioner Cannon, Gen. James C. Duane was elected President and Mr. John J. Tucker was elected Vice-President of the Aqueduct Commissioners for the ensuing year.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11450 to 11453, inclusive, amounting to \$49,366.16, and of bills contained in Vouchers Nos. 11454 to 11463, inclusive, amounting to \$173.62.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, an extension of time to January 1, 1897, is hereby granted to Patrick F. Curran in which to complete the contract made by him with the Aqueduct Commissioners for constructing fences and their appurtenances, at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green—5.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, an extension of time to February 1, 1897, is hereby granted to William Gilmore in which to complete the contract made by

him with the Aqueduct Commissioners for constructing fences and their appurtenances at Reservoir "M," in the Town of North Salem, Westchester County, New York.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green—5.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, January 5, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In view of the rather novel problem which is to be solved as regards the handling of the water at the New Croton Dam and at Jerome Park Reservoir in the Main Gate Houses, I am desirous to make a complete review of the best and most recent practice in this line. A study of the same will require research among scientific records and visits to the establishments that manufacture such apparatus. It will require more continuous time than I or any of our present employees can conveniently give to the matter, and this is to ask you to authorize me to employ for that purpose Mr. R. W. Creuzbaur, C. E., who is well qualified to undertake that work under my direction.

Mr. Creuzbaur was formerly connected with the Draughting Department of this office, and was recently employed as Assistant Engineer in the Comptroller's Department, which he left to take some other business. As he left the Comptroller's office in January last, and consequently remains on the eligible list, I would ask you to appoint him as Assistant Engineer at a salary of \$150 per month, which is the regular pay of the rank in your Engineer Corps, for a period not exceeding one month, unless otherwise ordered by the Commissioners ; the appointment to be made under the rules and regulations of the Civil Service Board, the Secretary of which has expressed his opinion that Mr. Creuzbaur is eligible under the rules.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That R. W. Creuzbaur be and hereby is appointed Assistant Engineer in the Engineer Corps of the Aqueduct Commissioners for a period not exceeding one month, at a salary of one hundred and fifty dollars per month, to take effect on January 11, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 6, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In view of a recent inquiry from the Chief Engineer of the Croton Aqueduct as to the time that the Aqueduct Commissioners propose to transfer the work at Purdy's Station to the Department of Public Works, the following statement is submitted :

The dam and reservoir having been in full service during the year just passed, and the small amount of work remaining to be done in 1896 being practically completed, I do not see any reason why the property now in your control at that point, including the dam, reservoir and land acquired therefor, should not be transferred to the Department of Public Works.

The additional fence lately put under contract remains unfinished, but will be completed shortly.

In the Gate-house, the force of Machinists in the employ of the Aqueduct Commissioners is fitting up the brass work and stop-planks as it has been done at Brewster and Carmel, but their presence there will not interfere with the service.

I consequently recommend that the transfer of the property now under the control of the Aqueduct Commissioners near Purdy's Station, to the Commissioner of Public Works, take place on February 1, 1897, and that the Chief Engineer be directed to make such arrangement as may be necessary with the Chief Engineer of the Croton Aqueduct for the change in the supervision of the property.

The Commissioner of Public Works has already appointed the person who is to have charge of the maintenance of the property, and has been allowed to repair and occupy one of the houses controlled by the Aqueduct Commissioners.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President is hereby authorized and directed to transfer to the Department of Public Works on February 1, 1897, the dam and reservoir designated as Reservoir "M," on Titicus river, near Purdy's Station, N. Y., together with the land acquired therefor ; and the Chief Engineer is hereby directed to make such arrangement as may be necessary with the Chief Engineer of the Croton Aqueduct for the change in the supervision of the property now under the control of the Aqueduct Commissioners near Purdy's Station, N. Y.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$323.35 had been received from Division Engineer Wegmann, being net proceeds of sale of buildings at public auction, on December 29, 1896, in Katonah, Westchester County, N. Y., said buildings being the property of the City of New York, and under the control of the Aqueduct Commissioners, and stating that said amount had been transmitted to the City Chamberlain for the credit of the " Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, January 13, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, January 20, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission, under date of January 13, 1897, has certified that, in his opinion, Patrick F. Curran has completely performed and carried out the provisions of the contract made by him with this Commission on September 2, 1896, for constructing fences and their appurtenances at Reservoir "D," in the Towns of Carmel and Kent, Putnam County, New York ; and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract and of the true value thereof ; therefore be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by Patrick F. Curran under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented the following communication received from the Chief Engineer :

NEW YORK, January 14, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—I send you herewith a table showing contents of Reservoir "D" for every foot of depth, calculated from the result of exact surveys. This table has been handed some time ago

to your Secretary, but I now transmit it officially so that you may incorporate it in your minutes if you desire to follow the precedent adopted for the other reservoirs.

Yours, respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread on the minutes, as follows :

Reservoir "D."

ELEVATIONS, FEET.	± CREST OF SPILLWAY.	U. S. GALLONS.	AREA, SQUARE FEET.	ELEVATIONS, FEET.	± CREST OF SPILLWAY.	U. S. GALLONS.	AREA, SQUARE FEET.
505	+2	10,787,800,000	48,260,000	480	-23	3,051,300,000	32,552,000
504	+1	10,426,800,000	47,701,000	479	-24	2,807,800,000	31,473,000
503	Crest	10,070,000,000	47,134,000	478	-25	2,572,400,000	30,243,000
502	-1	9,717,500,000	46,589,000	477	-26	2,346,200,000	28,814,000
501	-2	9,369,000,000	46,035,000	476	-27	2,130,700,000	27,370,000
500	-3	9,024,700,000	45,504,000	475	-28	1,925,900,000	25,522,000
499	-4	8,684,300,000	44,963,000	474	-29	1,735,000,000	23,314,000
498	-5	8,348,000,000	44,383,000	473	-30	1,560,600,000	21,496,000
497	-6	8,332,000,000	43,826,000	472	-31	1,399,800,000	20,024,000
496	-7	7,688,200,000	43,315,000	471	-32	1,250,100,000	18,739,000
495	-8	7,264,200,000	42,812,000	470	-33	1,109,900,000	17,670,000
494	-9	7,044,000,000	42,271,000	469	-34	977,700,000	16,854,000
493	-10	6,727,800,000	41,721,000	468	-35	851,600,000	15,980,000
492	-11	6,415,700,000	41,096,000	467	-36	732,100,000	14,918,000
491	-12	6,108,300,000	40,531,000	466	-37	620,500,000	13,769,000
490	-13	5,805,200,000	39,945,000	465	-38	517,500,000	12,726,000
489	-14	5,506,400,000	39,282,000	464	-39	422,400,000	11,609,000
488	-15	5,212,500,000	38,610,000	463	-40	335,500,000	10,461,000
487	-16	4,923,700,000	37,925,000	462	-41	257,300,000	9,408,700
486	-17	4,640,100,000	37,257,000	461	-42	186,900,000	8,239,200
485	-18	4,361,400,000	36,595,000	460	-43	125,300,000	6,585,900
484	-19	4,087,600,000	35,861,000	459	-44	76,000,000	5,067,600
483	-20	3,819,400,000	35,101,000	458	-45	38,100,000	3,199,300
482	-21	3,556,900,000	34,189,000	457	-46	14,200,000	1,898,900
481	-22	3,301,100,000	33,394,000				

[JANUARY 20, 1897.]

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 19, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Reservoir "D" is now in service, but in view of the fact that it will be found advisable next summer to perform some additional work to check the percolation through the Auxiliary Dam, which the continuous high water in the reservoir during 1896 prevented us from carrying through, I beg leave to recommend that the reservoir remain until further order under your jurisdiction, with Assistant Engineer Watkins in charge and a reduced force of employees. This proposed reduction would necessitate the discharge of Assistant Engineer William Gray and Axemen John Simmons and R. B. Wixom, and I respectfully recommend that these three employees be honorably discharged on March 1, 1897, and that they be notified of that decision.

Yours, respectfully,

A. FTELEY, Chief Engineer.

And recommended the adoption of the following resolutions :

Resolved, That, upon the recommendation of the Chief Engineer, William Gray, employed as Assistant Engineer at Carmel, N. Y., be and hereby is honorably discharged from the service of the Aqueduct Commissioners, the same to take effect on March 1, 1897.

Resolved, That, upon the recommendation of the Chief Engineer, John Simmons and R. B. Wixom, employed as Axemen at Carmel, N. Y., be and hereby are honorably discharged from the service of the Aqueduct Commissioners, the same to take effect on March 1, 1897.

On motion of Commissioner Cannon, the recommendation was approved and the resolutions were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging the following-named Laborers at Reservoir "D" on December 31, 1896, owing to the lack of work, be and hereby is approved :

George Oakley, Charles E. Abel, John Kelly, William Malone, Richard O'Brien.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence, without pay, is hereby granted to Rodman J. de T. Lentilhon, from February 1 to 7, 1897, both inclusive.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence, without pay, is hereby granted to Rodman August Jadin, for the month of February, 1897, or until such time before the expiration of said leave as he may be assigned to duty by the Chief Engineer.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners with his approval, a transcript of judgment in an action entitled Francis De Canio against The Mayor, Aldermen and Commonalty of the City of New York for the sum of two thousand five hundred and twenty-two dollars and fifty-nine cents (\$2,522.59) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Francis De Canio for the sum of two thousand five hundred and twenty-two dollars and fifty-nine cents (\$2,522.59), being amount of judgment rendered for salary due said Francis De Canio while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Carmel, Putnam County, New York, amounting to eight hundred and ninety-nine dollars and twenty-six cents (\$899.26), is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Kent, Putnam County, New York, amounting to two hundred and eighty-nine dollars and seven cents (\$289.07), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due School District No. 1, of the Town of Somers, Westchester County, N. Y., amounting to one hundred and seventy-four dollars and eighty-three cents (\$174.83), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due School District No. 8, of the Towns of Lewisboro and North Salem, Westchester County, New York, amounting to six dollars and eighty-four cents (\$6.84), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee submitted the following :

The Construction or Executive Committee report that they have considered the advisability of making a private settlement with George W. Hall, of Brewster, New York, for certain lands owned by him, situated near the Sodom Dam, which is to be taken for reservoir purposes ; and having been advised by H. T. Dykman, special counsel for the City of New York, that he is of the opinion that the City of New York would derive no benefit by making such settlement in

advance of proceedings by Commissioners of Appraisal, they recommend that such settlement be disapproved.

On motion of Commissioner Green, the recommendation was approved.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$1.50 had been received from Assistant Engineer Watkins, being the amount returned for overpayment of taxes on eight and one-half acres of Parcel No. 25, lands taken for Reservoir "D," which was also taxed and paid to School District No. 10, Town of Carmel, New York, and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Committee also presented a communication, received from the Secretary, reporting that the sum of \$374.50 had been received from Division Engineer Wegmann, being rental of buildings owned by the City of New York and under the control of the Aqueduct Commissioners on the Croton River Division of the New Aqueduct for the month of January, 1897; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Secretary presented an abstract of trial balance, showing the expenditures of the Aqueduct Commission from its inception to and including December 31, 1896.

On motion of Commissioner Cannon, the same was received and ordered spread upon the minutes, as follows:

Abstract of Trial Balance, December 31, 1896.

<i>Commissioners' Office.</i>		
Salaries of Commissioners.....	\$304,602 06	
Salaries of Secretary and employees.....	121,039 16	
Stationery	5,069 80	
Furniture and fixtures.....	3,432 26	
Rent	55,720 80	
Incidental expenses	9,456 60	
Books, maps and drawings.....	769 05	
Traveling expenses	2,587 92	
Advertising	33,146 19	
Stenographic reports.....	4,345 89	
		\$600,169 73
<i>Chief Engineer's Office.</i>		
Salaries of Engineers, etc.....	\$579,529 69	
Stationery	7,703 39	

Furniture and fixtures.....	\$4,637 69	\$704,457 76
Rent.....	65,732 95	
Incidental expenses.....	9,448 65	
Books, maps and drawings.....	24,220 03	
Consulting Engineer's fees.....	100 00	
Drawing instruments, tables and materials.....	4,850 05	
Testing machines and test.....	8,215 31	
<i>Tarrytown Office.</i>		
Salaries of Engineers.....	\$57,692 24	128,462 39
Stationery.....	1,180 41	
Furniture and fixtures.....	750 25	
Rent.....	6,600 00	
Incidental expenses.....	4,227 91	
Books, maps and drawings.....	92 81	
Drawing instruments, tables and materials.....	1,127 78	
Laborers on the line.....	2,703 17	
Drivers and Laborers.....	19,989 03	
Field instruments and implements.....	8,791 99	
Traveling expenses.....	4,094 53	
Harness and stable fittings.....	2,051 20	
Maintenance—Horses and wagons.....	11,122 82	
Horses.....	3,573 00	
Wagons.....	1,518 00	
Hire of horses and wagons.....	2,947 25	
<i>Division Engineers.</i>		
Salaries of Engineers and Laborers, old account.....	\$154,834 84	
Salaries of Engineers and Laborers, new account.....	1,828,219 69	
Stationery.....	8,193 40	
Furniture and fixtures.....	5,959 51	
Rent.....	27,040 63	
Incidental expenses.....	23,271 43	
Books, maps and drawings.....	683 44	
Drawing instruments, tables and materials.....	3,936 52	
Field instruments and implements.....	19,206 12	
Traveling expenses.....	10,530 06	
Harness and stable fittings.....	2,616 19	
Maintenance—Horses, wagons and harness.....	21,434 84	
Horses.....	3,915 00	
Wagons.....	2,885 40	

Heating headquarters	\$13,610 90	
Hire of horses and wagons.....	3,081 60	
Testing machines and tests.....	3,419 12	
Laborers on the line.....	15 75	
Auxiliary offices.....	4,187 12	\$2,138,041 55
<i>Croton Lake Survey.</i>		
Salaries of Engineers and Laborers.....	\$39,620 04	
Incidental expenses.....	17 34	
Field instruments and implements.....	583 16	
Traveling expenses.....	340 92	
Hire of horses and wagons.....	130 25	
Maintenance—Horses and wagons.....	51 60	
Rent.....	24 00	
Harness and stable fittings.....	45	
Drawing instruments, tables and materials.....	1 00	40,768 76
<i>New Reservoir Survey.</i>		
Salaries—Engineers and Laborers.....	\$9,588 00	
Drawing instruments, tables and materials.....	25 68	
Field instruments and implements.....	434 31	
Furniture and fixtures.....	6 38	
Traveling expenses.....	8 54	
Stationery.....	3 91	
Incidental expenses.....	52 06	10,118 88
<i>Sodom Dam Survey.</i>		
Salaries—Engineers and Laborers.....	\$7,072 68	
Maintenance—Horses and wagons.....	2 00	
Field instruments and implements.....	86 49	
Hire of horses and wagons.....	50 75	
Incidental expenses.....	44 98	
Stationery.....	1 50	
Traveling expenses.....	47 10	7,305 50
<i>Surveying Dam Sites.</i>		
Salaries of Engineers and Laborers.....	\$36,402 76	
Stationery.....	33 30	
Hire of horses and wagons.....	102 00	
Field instruments and implements.....	114 42	
Heating headquarters.....	6 93	

Furniture and fixtures.....	\$37 50	
Traveling expenses.....	930 16	
Drawing instruments, tables and materials	7 80	
Incidental expenses.....	953 73	
Maintenance—Horses and wagons.....	793 95	
Rent.....	815 70	
Books, maps and drawings	8 00	\$40,206 25
<i>Principal Assistant Engineer, New York Office.</i>		
Heating headquarters	\$9 25	
Stationery	59 06	
Furniture and fixtures.....	36 24	
Incidental expenses.....	53 36	157 91
Aqueduct Commissioners' Report, 1883-1887.....	\$8,901 51	
Aqueduct Commissioners' Report, 1887-1892.....	5,011 13	
Engraving and printing.....	29,687 80	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam.....	1,473 16	
Reports of Engineers on High Masonry Dam.....	490 75	
Construction damages	699 50	
Claims for damages.....	2,438 50	
Taxes on lands	29,323 50	
Land agents.....	1,168 65	
Diamond rock-boring drills	158,669 75	
Diamond rock borings	7,096 17	
Monumenting the line	3,712 98	
Monumenting Sodom Dam Survey	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer.....	143 72	
Models	1,355 43	
Observatory towers.....	1,805 95	
Judgments.....	37,019 34	
Land and land damages.....	70,878 07	
Examination of ventilation and lighting.....	1,306 36	
Examining Engineers.....	11,041 82	
Board of Experts, etc., Quaker Bridge Dam.....	12,550 00	
Experts examining construction work	11,926 16	
Experts on water-gates and other machinery.....	210 00	
Inspection of cast-iron pipes, etc.....	8,414 30	
East Branch Reservoir, incidental expenses	165 00	
Abating nuisances in the Croton water-shed	12,927 58	
Monumenting Brewster Reservoir.....	393 00	129,812 29

Contracts.			
	ESTI- MATE.	CONTRACTOR.	
Section 1.....	Final.	Smith & Brown.....	\$649,964 62
" 2.....	"	Brown, Howard & Co.....	2,493,664 38
" 3.....	"	".....	1,838,247 04
" 4.....	"	".....	1,807,819 50
" 5.....	"	".....	812,370 91
" 6.....	"	O'Brien & Clark.....	748,852 97
" 7.....	"	".....	1,783,419 68
" 8.....	"	".....	1,457,678 22
" 9.....	"	".....	1,924,161 07
" B.....	"	Heman Clark.....	1,516,372 46
" A.....	"	".....	1,105,840 58
" 12.....	"	{ Chas. Peterson, assignee of O'Brien & Clark..... }	140,182 91
" 12.....	"	O'Brien & Clark.....	401,740 13
" 13.....	"	John Brunton & Co.....	427,641 42
" 14.....	"	".....	647,869 75
" 15.....	"	Richard A. Malone.....	156,358 20
" 15½.....	"	Robert Hanna & Co.....	27,416 82
" 16.....	"	O'Brien & Clark.....	1,013,220 54
" 17.....	"	Richard J. Malone.....	37,621 60
East Branch Reservoir Dam.....	"	Sullivan, Rider & Dougherty.....	436,499 05
Dams 1 and 2, and adjacent tunnel...	"	David R. Paige & Co.....	339,798 04
Deepening and finishing Shaft No. 24.	"	O'Brien & Clark.....	91,904 59
Iron-lined masonry Aqueduct, near Shaft 30.....	"	Breuchaud, Pennell & Co.....	69,359 20
Stop-cock valves, etc., on Section 15..	"	Coldwell, Wilcox & Co.....	19,649 53
Gate-house superstructure, etc., at Pocantico.....	"	John Peirce.....	21,717 92
Shaft 13A, Section 7.....	"	O'Brien & Clark.....	22,963 40
" 13½, " 7.....	"	".....	18,093 69
" 15½, " 7.....	"	John A. Lee.....	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, win- dows, etc., Section 15.....	"	Charles W. Palmer.....	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1.....	"	Coldwell, Wilcox & Co.....	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reser- voirs.....	"	Clinton Stephens.....	90,851 69
Gate-house superstructure walls for blow-off chamber at Ards- ley, Section 7.....	"	O'Brien & Clark.....	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs.....	"	Pennell & O'Hern.....	8,975 00
22 2' x 5' sluice-gates, etc., Sections 15 and 17.....	"	John Fox.....	14,190 00

	ESTI- MATE.	CONTRACTOR.	
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	Final.	John Fox	\$6,750 00
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1..	"	"	21,900 00
Earth and masonry dam, Reser- voir "M," on Titicus river, near Purdy's Station	"	Washburn, Shaler & Washburn.	970,329 11
Gate-house superstructure at South Yonkers, Section 9	"	O'Brien & Clark	20,349 79
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1	"	Smith, Brown & Coleman	51,783 01
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	"	Charles Peterson	11,250 00
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12	"	West Point Manufacturing Company..	11,900 00
Earth and masonry dam, Reser- voir "D"	"	Michael S. Coleman	127,039 74
Earth and masonry dam, Reser- voir "D"	"	{ Coleman and Washburn & Wash- burn, assignees of Michael S. Coleman. }	276,201 90
Auxiliary earth and masonry dam, near Craft's Station, Reser- voir "D"	"	Michael S. Coleman	57,480 99
Auxiliary earth and masonry dam, near Craft's Station, Reser- voir "D"	"	{ Coleman and Washburn & Wash- burn, assignees of Michael S. Coleman. }	98,614 59
Eleven head-house superstruc- tures, etc., for the shafts	"	Breuchaud, Pennell & Co.	40,251 28
Blow-off Shaft 24, Section A	"	John M. Waddle	1,644 91
" 24, " A	"	{ John F. Gaynor, assignee of John M. Waddle	19,557 43
" 24, " A	"	{ New York Central and Hudson River Railroad Company	491 84
Two complete portable hoisting plants	"	West Point Manufacturing Company..	7,800 00
Highway, retaining-walls, appur- tenances, etc., Croton Dam....	"	Augustine M. Newton	16,717 09
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	"	Peter J. Moran	9,564 77
Grading, improving and fencing grounds at several of the shafts	"	Hyman Levy and Thomas Quinn	22,374 14
Head-house and engine-room Shaft 25, Section 12, superstructure, etc.	"	John Peirce, assignee of W. H. Baker.	43,605 80
Two brick engine-houses for porta- ble hoisting plants	"	John Twiname	9,546 00
New Croton Dam	"	James S. Coleman	660,104 90
"	50	{ Coleman, Ryan & Brown, assignees of James S. Coleman	615,301 43
Fencing boundary for East Branch Reservoir	Final.	John E. Brooks	10,647 73
Highways or roads and appurte- nances at Reservoir "D"	"	Peter J. Moran	3,083 52
Highways or roads and appurte- nances at Reservoir "D"	"	{ John Flanagan, assignee of Peter J. Moran	96,481 11
Highways or roads and appurte- nances at Reservoir "M"	"	John Twiname	66,866 83
Highways or roads and appurte- nances at Reservoir "D"	"	John Flanagan & Son	128,643 92
Highways or roads and appurte- nances at Reservoir "D"	"	William E. Nolan	2,051 17
Six sluice-gates with hoisting appa- ratus, Gate-house, Titicus Dam	"	Coldwell-Wilcox Co.	4,479 00
New highways, etc., Lines 1 and 4...	"	John Twiname	20,248 01
Jerome Park Reservoir	15	John B. McDonald	267,290 79

	ESTI- MATE.	CONTRACTOR.		
Highways or roads, etc., crossing } East Branch, Reservoir "D".....	Final.	Patrick F. Curran.....	\$12,648	26
Fences and their appurtenances at } Reservoir "M".....	3	William Gilmore.....	1,436	51
Fences and their appurtenances at } Reservoir "D".....	3	Patrick F. Curran.....	2,027	49
Total contracts.....	.....	.....	.....	\$23,874.422 98

Agreements.

	ESTI- MATE.	CONTRACTOR.		
Shaft 11C, Section 5.....	Final.	Brown, Howard & Co.....	\$5,000	00
" 12C, " 6.....	"	O'Brien & Clark.....	5,000	00
" 16½, " 8.....	"	"	5,000	00
" 18½, " 9.....	"	"	5,000	00
" 19½, " B.....	"	Heman Clark.....	5,000	00
" 17½, " 8.....	"	Thomas O'Hern.....	2,222	12
Culvert at Shaft 19, Section 9.....	"	O'Brien & Clark.....	4,893	74
" 20, " B.....	"	Heman Clark.....	2,932	05
" 23, " A.....	"	O'Brien & Clark.....	3,208	86
Crib dock, near Shaft 25, Section 12..	"	Charles Peterson.....	3,694	60
Ironwork—For Saw Mill River } Blow-off, etc., Section 7.....	"	Coldwell, Wilcox & Co.....	1,962	57
Ironwork—For Pocantico Blow-off, } etc., Section 4.....	"	"	144	11
Ironwork—For Tibbett's Brook } Blow-off, etc., Section 9.....	"	"	144	11
Ironwork—For lining Shafts 22 to } 24, Section A.....	"	"	3,463	43
Ironwork—For lining Shaft 20, Sec- } tion B.....	"	"	2,663	28
Ironwork—For lining Shaft 28, Sec- } tion 13.....	"	"	2,315	02
Ironwork—For lining Shaft 29, Sec- } tion 14.....	"	"	2,358	57
Cast and wrought iron ladders for } shafts, Sections 1 to 9 and B } and A.....	"	"	2,824	25
Roof, iron floor plates, etc., at } Ardsley Gate-house, Section 7 }	"	"	3,326	70
Cast-iron special pipe lining and } manhole covers, etc., Shaft 24, } Section A.....	"	"	4,931	19
Filling low ground, Shaft Site No. } 12, Section 6.....	"	O'Brien & Clark.....	4,910	00
Cave-in, Shaft 13, Section 7.....	"	"	5,000	00
Laying 20" pipe along the incline } adjacent to Shaft 24, Section A }	"	"	2,895	83
Grouting near Shaft 17½, on Section 8	"	"	4,427	50
Grouting, Stations 778+00 and } 779+30, Section 7.....	"	"	1,075	00
Grouting on Section 13.....	"	Rogers, Shanly & Co.....	5,000	00
Grouting near Shaft 30.....	"	Breuchaud, Pennell & Co.....	2,900	93

	ESTI- MATE.	CONTRACTOR.	
Lining Shaft 24, Section 8.....	Final.	McNeil Pipe and Foundry Co.....	\$937 32
Highway, trestle-work and bridges at Croton Dam, Section 1.....	"	Smith & Brown.....	4,500 00
Sodding the South Yonkers embank- ment on Section 9.....	"	Rider & Dougherty.....	1,575 57
Taking down and enlarging top of Shaft 17C, Section 5.....	"	C. L. Kalmbach.....	2,917 32
Walls, foundations, etc., near blow- off chamber, Shaft 25, Section 12	"	Charles Peterson.....	2,233 12
Frame head-house and engine-room at Shaft 25, Section 12.....	"	".....	3,690 00
Frame boiler-house and coal-bin at Shaft 25, Section 12.....	"	".....	3,635 00
9' anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1.....	"	Joseph Edwards & Co.....	2,135 00
6 2' x 5' sluice-gates at Bog Brook and Sodom Dams.....	"	John Fox.....	4,200 00
Pivot gate, Bog Brook Dams 1 and 2.	"	Coldwell, Wilcox & Co.....	2,445 00
Finishing Shaft 21.....	"	William H. Baker.....	1,660 81
Fence at Shaft 24.....	"	Francis V. Smith.....	865 24
Sodding, soiling and seeding slope and adjacent grounds at Shaft 24.....	"	John Twiname.....	900 90
2 2' x 10' sluice-gates at Bog Brook Tunnel Gate-house.....	"	John Fox.....	2,750 00
Two-story and attic frame office building.....	"	John Schlachter.....	4,650 00
Bridge across Saw Mill river, near Shaft 12.....	"	Daniel Carpenter.....	816 50
Cutting timber and clearing grounds at Reservoir "M," Purdy's Station.....	"	John L. Merritt.....	3,448 00
Highway Bridge at Salem Centre, Reservoir "M".....	"	Berlin Iron Bridge Co.....	673 00
Highway Bridge at Carmel, N. Y....	"	".....	1,122 00
Clearing grounds at Reservoir "M," near Purdy's Station, N. Y.....	"	William Gilmour.....	1,150 00
Furnishing cast-iron pipe—special castings, etc.....	"	Coldwell-Wilcox Co.....	1,224 67
Cutting timber and clearing grounds at Reservoir "D".....	"	John Flanagan.....	3,800 00
Furnishing screens, hoisting appa- ratus, New Croton Dam Gate- house.....	"	Coldwell-Wilcox Co.....	3,559 00
Highway Bridge at Cole's Mills.....	"	Berlin Iron Bridge Co.....	1,390 00
Three metal sluice gates in Gate- houses of Main and Auxiliary Dams, Reservoir "D".....	"	John Fox.....	2,680 00
Two metal sluice gates, etc., Gate- house of Main Dam, Reservoir "D".....	"	Coldwell-Wilcox Co.....	1,499 00
Three sets of iron trolley beams, etc., for gate-houses of Carmel and Purdy's Dams.....	"	William H. Brodie & Co.....	1,485 00
Total agreements.....			\$154,286 31
Bailing, pumping and taking care of water on Section A.....			\$1,669 73
Pumping water in iron pipes, Section 12.....			6,063 65
Pumping water in iron pipes, Section 13.....			5,405 00
Pumping water in iron pipes, Section 14.....			7,935 00
Iron pipe laid in tunnel, Section A.....			4,615 76
Iron pipe laid in tunnel, Section B.....			980 50

48-inch pipes at Shaft 11B.....	\$327 50	
48-inch stop-cock valves	4,500 00	
Ironwork, etc.—		
At shafts.....	24,069 98	
For gate-houses and blow-offs	23,327 99	
For dams.....	13,006 82	
Timber work, etc., at shafts and gate-houses.....	20,570 60	
Explorations under the Harlem river	4,384 26	
Experimental section in concrete, at Shaft 18.....	185 25	
Extra work, etc., on Section 1	4,616 03	
Extra work, etc., on Section 6	42 70	
Extra work, etc., on Section 12.....	171 35	
Extra work, etc., on Section 14.....	696 21	
Extra work, etc., on Section 15.....	89 32	
Extra work, etc., on Section 16.....	668 98	
Extra work, etc., enlarging Shaft 11C.....	147 81	
Extra work, etc., on the Pocantico Gate-house.....	287 44	
Extra work, etc., on the eleven head-houses	325 64	
Extra work, etc., grading, improving and fencing grounds, One Hundred and Thirty- fifth Street Gate-house	256 73	
Extra work, etc., on Dams Nos. 1 and 2.....	444 31	
Extra work, etc., on blow-offs, etc., Shaft 24.....	615 24	
Extra work, etc., repairing roof, New Croton Gate-house.....	111 82	
Extra work, etc., head-house, Shaft 25	328 13	
Extra work, etc., Purdy's Dam.....	282 99	
Extra work, etc., grading, improving and fencing grounds at several of the shafts.....	749 01	
Extra work, etc., on two-story and attic frame office building, New Croton Dam.....	233 45	
Extra work, etc., on gate-house superstructure at Croton Dam	288 20	
Extra work, etc., on Carmel Dams.....	732 22	
Additional work, Section 9	\$49 37	\$126,129 62
Additional work, Section 12.....	65 73	
Additional work, Section A.....	1,609 56	
Additional work, East Branch Reservoir Dam.....	2,250 08	
Additional work, Dams Nos. 1 and 2	480 06	
Additional work, earth and masonry dam, Reservoir "M"	1,339 53	
Additional work, highways or roads, etc., at East Branch and Bog Brook Reservoirs.....	3,095 00	
Additional work, Shaft 21.....	95 85	
Additional work, two brick engine-houses.....	911 75	
Additional work, iron-lined masonry Aqueduct, near Shaft 30.....	2,002 00	
Additional work, grubbing and clearing grounds, Shaft 24.....	40 70	
Additional work, Shafts Nos. 15½ and 16.....	43 50	

Furniture and fixtures.....	\$4,637 69	\$704,457 76
Rent.....	65,732 95	
Incidental expenses.....	9,448 65	
Books, maps and drawings.....	24,220 03	
Consulting Engineer's fees.....	100 00	
Drawing instruments, tables and materials.....	4,850 05	
Testing machines and test.....	8,215 31	
<i>Tarrytown Office.</i>		
Salaries of Engineers.....	\$57,692 24	128,462 39
Stationery.....	1,180 41	
Furniture and fixtures.....	750 25	
Rent.....	6,600 00	
Incidental expenses.....	4,227 91	
Books, maps and drawings.....	92 81	
Drawing instruments, tables and materials.....	1,127 78	
Laborers on the line.....	2,703 17	
Drivers and Laborers.....	19,989 03	
Field instruments and implements.....	8,791 99	
Traveling expenses.....	4,094 53	
Harness and stable fittings.....	2,051 20	
Maintenance—Horses and wagons.....	11,122 82	
Horses.....	3,573 00	
Wagons.....	1,518 00	
Hire of horses and wagons.....	2,947 25	
<i>Division Engineers.</i>		
Salaries of Engineers and Laborers, old account.....	\$154,834 84	128,462 39
Salaries of Engineers and Laborers, new account.....	1,828,219 69	
Stationery.....	8,193 40	
Furniture and fixtures.....	5,959 51	
Rent.....	27,040 63	
Incidental expenses.....	23,271 43	
Books, maps and drawings.....	683 44	
Drawing instruments, tables and materials.....	3,936 52	
Field instruments and implements.....	19,206 12	
Traveling expenses.....	10,530 06	
Harness and stable fittings.....	2,616 19	
Maintenance—Horses, wagons and harness.....	22,434 84	
Horses.....	3,915 00	
Wagons.....	2,885 40	

<i>Cr.</i>		
Additional Water Stock.....	\$30,810,500 00	
Premium account.....	607,781 45	
Additional Water Fund—		
" Miscellaneous".....	45,920 32	
Total receipts.....		\$31,464,201 77
Balance, Comptroller's account.....		2,076,574 25
		<u>\$33,540,776 02</u>

Statement of Receipts and Expenditures of the Aqueduct Commissioners, December 31, 1896.

RECEIPTS.		
From Bonds Issued—		
Amount of bonds.....	\$30,810,500 00	
Premiums on same.....	607,781 45	
From proceeds of miscellaneous sales, etc.....	45,920 32	
Total receipts.....		\$31,464,201 77
EXPENDITURES.		
Vouchers, pay-rolls, etc.....	\$4,208,648 71	
Contracts, agreements, etc.....	24,028,709 29	
Land and land damages.....	70,878 07	28,302,236 07
Commissioners of Appraisal—		
Awards.....	\$4,144,515 98	
Fees of Counsels, Commissioners, etc.....	1,088,023 97	
		5,232,539 95
Total expenditures.....		<u>\$33,540,776 02</u>
Balance, Comptroller's account.....		2,076,574 25

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11471, amounting to \$1,997.59, and of bills contained in Vouchers Nos. 11472 to 11493, inclusive, amounting to \$4,453.82.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

Furniture and fixtures.....	\$37 50	
Traveling expenses.....	930 16	
Drawing instruments, tables and materials.....	7 80	
Incidental expenses.....	953 73	
Maintenance—Horses and wagons.....	793 95	
Rent.....	815 70	
Books, maps and drawings.....	8 00	\$40,206 25
<i>Principal Assistant Engineer, New York Office.</i>		
Heating headquarters.....	\$9 25	
Stationery.....	59 06	
Furniture and fixtures.....	36 24	
Incidental expenses.....	53 36	157 91
Aqueduct Commissioners' Report, 1883-1887.....	\$8,901 51	
Aqueduct Commissioners' Report, 1887-1892.....	5,011 13	
Engraving and printing.....	29,687 80	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam.....	1,473 16	
Reports of Engineers on High Masonry Dam.....	490 75	
Construction damages.....	699 50	
Claims for damages.....	2,438 50	
Taxes on lands.....	29,323 50	
Land agents.....	1,168 65	
Diamond rock-boring drills.....	158,669 75	
Diamond rock borings.....	7,096 17	
Monumenting the line.....	3,712 98	
Monumenting Sodom Dam Survey.....	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer.....	143 72	
Models.....	1,355 43	
Observatory towers.....	1,805 95	
Judgments.....	37,019 34	
Land and land damages.....	70,878 07	
Examination of ventilation and lighting.....	1,306 36	
Examining Engineers.....	11,041 82	
Board of Experts, etc., Quaker Bridge Dam.....	12,550 00	
Experts examining construction work.....	11,926 16	
Experts on water-gates and other machinery.....	210 00	
Inspection of cast-iron pipes, etc.....	8,414 30	
East Branch Reservoir, incidental expenses.....	165 00	
Abating nuisances in the Croton water-shed.....	12,927 58	
Monumenting Brewster Reservoir.....	393 00	129,812 29

Contracts.		
	ESTI- MATE.	CONTRACTOR.
Section 1.....	Final.	Smith & Brown.....
" 2.....	"	Brown, Howard & Co.....
" 3.....	"	".....
" 4.....	"	".....
" 5.....	"	".....
" 6.....	"	O'Brien & Clark.....
" 7.....	"	".....
" 8.....	"	".....
" 9.....	"	".....
" B.....	"	Heman Clark.....
" A.....	"	".....
" 12.....	"	{ Chas. Peterson, assignee of O'Brien } & Clark.....
" 12.....	"	O'Brien & Clark.....
" 13.....	"	John Brunton & Co.....
" 14.....	"	".....
" 15.....	"	Richard A. Malone.....
" 15½.....	"	Robert Hanna & Co.....
" 16.....	"	O'Brien & Clark.....
" 17.....	"	Richard J. Malone.....
East Branch Reservoir Dam.....	"	Sullivan, Rider & Dougherty.....
Dams 1 and 2, and adjacent tunnel...	"	David R. Paige & Co.....
Deepening and finishing Shaft No. 24.	"	O'Brien & Clark.....
Iron-lined masonry Aqueduct, near } Shaft 30.....	"	Breuchaud, Pennell & Co.....
Stop-cock valves, etc., on Section 15..	"	Coldwell, Wilcox & Co.....
Gate-house superstructure, etc., at } Pocantico.....	"	John Peirce.....
Shaft 13A, Section 7.....	"	O'Brien & Clark.....
" 13½. " 7.....	"	".....
" 15½. " 7.....	"	John A. Lee.....
One Hundred and Thirty-fifth } Street Gate-house doors, win- } dows, etc., Section 15.....	"	Charles W. Palmer.....
Cast-iron work, wrought-iron work, } etc., New Croton Gate-house, } Section 1.....	"	Coldwell, Wilcox & Co.....
Highways or roads, etc., at East } Branch and Bog Brook Reser- } voirs.....	"	Clinton Stephens.....
Gate-house superstructure walls } for blow-off chamber at Ards- } ley, Section 7.....	"	O'Brien & Clark.....
Cutting timber and clearing } grounds, East Branch and Bog } Brook Reservoirs.....	"	Pennell & O'Hern.....
22 2' x 5' sluice-gates, etc., Sections } 15 and 17.....	"	John Fox.....

Laborers.

James R. Ostrander, Eli W. Hart, James May, George Foss, Gerhart Raters, August Anderson.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, January 26, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—All arrangements are now made for the transfer of the Titicus Dam Reservoir, and real estate connected therewith, to the Department of Public Works on February 1 next, and as this is the last meeting of the Aqueduct Commissioners in January, you may decide to notify officially the Commissioner of Public Works of the date of the transfer.

Transitman A. S. Nye, who has been in charge, will remain a short time to settle the matter of the Gilmore contract, and the men under him will remain with him in the present office building.

Superintendent of Dam Construction Crosby will be transferred to the Jerome Park Reservoir, but Janitor James Gregory and Laborer Peter Denning are recommended for discharge, as there are no vacancies to fill elsewhere.

I have instructed Division Engineer Craven to transfer to Jerome Park Reservoir such office furniture and documents now in the office and belonging to the Aqueduct Commissioners.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolutions :

Resolved, That the action of the Chief Engineer, as above set forth, be and hereby is approved.

Resolved, That, upon the recommendation of the Chief Engineer, James Gregory, Janitor, and Peter Denning, Laborer, employed at Reservoir "M," be and hereby are discharged from the service of the Aqueduct Commissioners ; the same to take effect upon the completion of the work now being performed near said reservoir.

On motion of Commissioner Cannon, the same were adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, January 26, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—As you are now in possession of the additional marginal land acquired in the Town of Southeast, outside of the original boundaries formerly established, the question arises whether the stone walls erected on the former boundary should be rebuilt on the new line. These walls cost \$48,333.60 and cover 69,048 feet.

The additional margin of land has been taken especially to stop the erection of objectionable buildings and to prevent the existence of nuisances near the reservoir.

Such being the case, it has occurred to me that the interest of the City could be as well guarded by erecting monuments at each angle of the new boundary line to define beyond question the limits of the City property, leaving the present wall where it stands, and enabling those in charge to easily see that no nuisance is committed on the City's land.

The Chief Engineer of the Department of Public Works agrees with me that this course is advisable.

In this connection I will ask you to authorize me to add the necessary number of stone monuments to the amount that you have already authorized me to provide for the New Croton Reservoir, i. e., one hundred and twenty-five (125).

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to have one hundred and twenty-five (125) stone monuments placed upon the boundaries of the additional marginal land acquired by the City of New York in the Town of Southeast, Putnam County, New York.

On motion of Commissioner Canuon, the same was adopted.

The Comptroller, under date of December 31, 1896, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Cornell Dam	\$7,112 65
Croton Falls.....	481 95
Double Reservoir "I".....	318 75
Reservoir "D"	2,125 00
Jerome Park Reservoir	1,738,016 09
Reservoir "D"	500 00

—leaving a balance to the credit of the "Additional Water Fund" of..... \$974,346 30

Which was ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, February 3, 1897, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of estimates contained in vouchers Nos. 11,508 to 11,510, inclusive, amounting to \$50,004.47, and of bills contained in Vouchers Nos. 11,511 to 11,530, inclusive, amounting to \$2,863.40.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, February 2, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Mr. Charles Thomas, of the Draughting Department, who was granted a leave of absence without pay from December 1, 1896, to February 1, 1897, on account of sickness, now asks for an extension of one or more weeks ; he reports that his health is restored.

Before you take any action on this matter, I have to report that the work in the Draughting Room is now so arranged that the services of Mr. Thomas are no longer necessary, and I respectfully recommend that they be dispensed with.

Yours respectfully, A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the request of Charles A. Thomas, employed in the Draughting Bureau, for an additional leave of absence of one week, be and hereby is denied ; and, upon the recommendation of the Chief Engineer, said Charles A. Thomas be and hereby is discharged from the service of the Aqueduct Commissioners, his services being no longer required ; the same to take effect as of February 1, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended that that part of the resolution adopted by the Aqueduct Commissioners on January 27, 1897, discharging James Gregory, Janitor, be rescinded, and, in lieu thereof, recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission, under date of January 26, 1897, notified the Commissioners that all arrangements had been made for the transfer of the Titicus Dam, reservoir and real estate connected therewith to the Department of Public Works, on February 1, and recommended the discharge of James Gregory, employed as Janitor at said dam ; therefore,

Resolved, That, owing to the fact that the work upon which James Gregory, Janitor, is engaged, will shortly cease, and there being no vacancy elsewhere, said Gregory is hereby discharged from the service of the Aqueduct Commissioners, the same to take effect on February 28, 1897.

On motion of Commissioner Tucker, the recommendation was approved and the preamble and resolution adopted.

The following communication was received from the President :

NEW YORK, February 3, 1897.

To the Aqueduct Commissioners :

GENTLEMEN—I respectfully report that, in accordance with your direction of January 6, 1897, I addressed the following letter to the Commissioner of Public Works :

“NEW YORK, January 30, 1897.

Gen. CHARLES H. T. COLLIS, Commissioner of Public Works :

“DEAR SIR—I have been authorized by the Aqueduct Commissioners to turn over to your Department the dam and reservoir designated as ‘Reservoir M,’ on Titicus river, near Purdy’s station, Westchester County, New York, together with the land acquired therefor ; and, by virtue of such authority, I hereby make the transfer.

“The transfer is made in accordance with the terms of the accompanying letter of the Chief Engineer of this Department, dated January 6, 1897.

“Very respectfully,

“J. C. DUANE, President.”

Respectfully,

J. C. DUANE, President.

On motion of Commissioner Cannon, the same was ordered filed.

The Construction or Executive Committee presented a communication, received from the Secretary, reporting that the following sums had been received from Division Engineer Wegmann :

Thirty-eight dollars, being net proceeds of sale at public auction of old timber and iron at Purdy’s station, Westchester County, N. Y., and

Three hundred and sixty-nine dollars and eighty-six cents, being the amount of rent collected on buildings on the Croton River Division of the New Aqueduct, said property being under the control of the Aqueduct Commissioners, and belonging to the City of New York.

And stating that said amounts had been duly transmitted to the City Chamberlain, for the credit of the "Additional Water Fund," and that his receipts therefor were on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, February 10, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11532 to 11539, inclusive, amounting to \$585.64.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended that the following resolution, adopted by the Aqueduct Commissioners on January 20, 1897, be rescinded :

“Resolved, That, upon the recommendation of the Chief Engineer, William Gray, employed as Assistant Engineer at Carmel, N. Y., be and hereby is honorably discharged from the service of the Aqueduct Commissioners, the same to take effect on March 1, 1897.”

And recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Assistant Engineer William Gray, employed at Carmel, N. Y., be and hereby is granted a leave of absence, without pay, for six months, beginning March 1, 1897.

On motion of Commissioner Cannon, the recommendation was approved and the resolution was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 10 of the Towns of Bedford and Lewisboro, Westchester County, N. Y., amounting to four hundred and eighty dollars and twenty-two cents (\$480.22), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

FEBRUARY 10, 1897.]

30

The Committee presented a communication, received from the Secretary, reporting that the sum of \$150 had been received from Division Engineer Gowen, being for rent from December 1, 1895, to December 1, 1896, of house and out-buildings standing on the site of the New Croton Dam, formerly owned and now occupied by William Purdy, but which is now the property of the City of New York, and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, February 17, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works, and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11544 to 11548, inclusive, amounting to \$129.62.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, February 17, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Inquiries being made by the former owners of the additional marginal land taken around Double Reservoir "I" in Brewster as to the time when their buildings must be vacated, and, inasmuch as it is desirable that all the City property in this vicinity be put under the same jurisdiction, I beg to suggest that, inasmuch as the Aqueduct Commissioners, on February 14, 1894, transferred the dams and all adjacent property to the Commissioner of Public Works, they now formally transfer also to him the marginal lands acquired under the "Aqueduct Act" of 1883, on January 15, 1897.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following preambles and resolution :

Whereas, The Aqueduct Commissioners, on February 14, 1894, transferred to the Commissioner of Public Works the two reservoirs on the East Branch of the Croton river, known as the "Sodom and Bog Brook Reservoirs," with their appurtenances ; and

Whereas, Subsequent to said date it was deemed necessary to acquire a marginal strip of land around said reservoirs, Commissioners of Appraisal for the taking of such land having filed their oaths of office on January 15, 1897 ; and

Whereas, The Chief Engineer has stated that it is desirable that all City property in this vicinity be put under the same jurisdiction, and recommends that said additional marginal strip of land be formally transferred to the Commissioner of Public Works ; therefore

Resolved, That the President be and hereby is authorized and directed to transfer to the Commissioner of Public Works the additional marginal strip of land around the East Branch Reservoir (Double Reservoir "I"), in accordance with the facts as above set forth.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That, on account of ill-health, a leave of absence to April 15, 1897, be and hereby is granted to the Chief Engineer of this Commission.

Resolved, That, during the absence of the Chief Engineer and until the further order of this Board, Division Engineer Alfred Craven is hereby designated to perform all the duties and to be vested with all the powers of the Chief Engineer, with the title of " Acting Chief Engineer."

On motion of Commissioner Duane, the same were adopted.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, February 24, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, March 3, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11552 to 11555, inclusive, amounting to \$59,763.86, and of bills contained in Vouchers Nos. 11556 to 11569, inclusive, amounting to \$460.93.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the resignation of Robert Hoyt, Rodman, and recommended that the same be accepted, to take effect as of March 1, 1897.

On motion of Commissioner Green, the recommendation was approved and the resignation accepted.

The Committee also presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 2, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Supplementary to the communication of the Chief Engineer of January 22, 1897, in reference to the transfer of the Titicus Dam, Reservoir, etc., to the Department of Public Works, I beg to report that the work of William Gilmore, on his contract for constructing fences and their appurtenances at Reservoir "M," was completed on February 13, 1897; on February 18 possession of the Engineer's office was given to the proper representatives of the Department of Public Works; the property of the Aqueduct Commissioners, office furniture, records, stable out-

fit, etc., was removed and sent to Division Engineer Charles S. Gowen and to the Division Engineer's office at Jerome Park Reservoir.

On February 18, Laborer Peter Denning was discharged for lack of work, and on February 19, Transitman A. S. Nye and Superintendent of Dam Construction A. L. Crosby were transferred to duty at Jerome Park Reservoir.

Yours respectfully, ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action as above set forth be and hereby is approved.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Acting Chief Engineer of this Commission, under date of March 2, 1897, has certified that, in his opinion, William Gilmore has completely performed and carried out the provisions of the contract made by him with this Commission on the 2d day of September, 1896, for constructing fences and their appurtenances at Reservoir "M," in the Town of North Salem, Westchester County, New York, and has stated from actual measurements the whole amount of work done and materials furnished under and according to the terms of said contract, and of the true value thereof ; therefore, be it

Resolved, That the Aqueduct Commissioners do accept the work done and materials furnished by William Gilmore, under the contract above referred to, and direct that a proper voucher for the final payment for work done and materials furnished under said contract be approved by the Commissioners and certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes, due the Town of Bedford, Westchester County, New York, for the years 1894 and 1895, amounting to one hundred and twenty-one dollars and forty-eight cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of John B. McDonald, for excavating one hundred and thirteen lineal feet of drain tunnel along Sedgwick avenue, in the northern part of Jerome Park Reservoir site, amounting to seven hundred and fifty-five dollars and ninety-seven cents (\$755.97), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of George R. Cole for use of teams at Reservoir "D," amounting to thirty dollars and fifty cents (\$30.50), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Arthur McMullen & Company, for labor and materials supplied in excavating tunnel in rock foundations at the New Croton Dam, amounting to eight hundred and twelve dollars and thirty-six cents (\$812.36), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The following communication was received :

NEW YORK, February 24, 1897.

To the Aqueduct Commissioners :

GENTLEMEN—I respectfully report that, in accordance with your direction of February 17, 1897, I addressed a letter to the Commissioner of Public Works in the following words :

"NEW YORK, February 19, 1897.

"Gen. CHARLES H. T. COLLIS, *Commissioner of Public Works :*

"DEAR SIR—I have been authorized by the Aqueduct Commissioners to turn over to your Department the additional marginal strip of land around Double Reservoir 'I,' near Brewster, Putnam County, New York, and by virtue of such authority, I hereby make the transfer. The transfer is made in accordance with the terms of the accompanying letter of the Chief Engineer of this Department, dated February 17, 1897.

"Very respectfully,

"J. C. DUANE, President."

Respectfully yours,

J. C. DUANE, President.

On motion of Commissioner Tucker, the same was ordered filed.

The Comptroller, under date of January 31, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Cornell Dam.....	\$15,268 79
Reservoir "D".....	1,668 55
Reservoir "I".....	1,544 75
New Croton Dam Reservoir.....	6,781 60
Croton Dam.....	40 00
Katonah Triangle.....	640 00
Croton Falls.....	290 00
Jerome Park Reservoir.....	310,529 03
Leaving a balance to the credit of the "Additional Water Fund" of.....	<u>\$564,719 84</u>

Which was ordered entered upon the books of the Commissioners and filed.

MARCH 3, 1897.]

36

The Construction or Executive Committee presented a communication received from the Secretary, reporting that the sum of \$1,718.77 had been received from Division Engineer Wegmann, being the amount of rent collected on the Croton River Division of the New Aqueduct for the month of February, 1897, on property owned by the City of New York, and under the control of the Aqueduct Commissioners; and stating that said amount had been duly transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Tucker, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



NOTE.—On Wednesday, March 10, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, March 17, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

First : Three bills of William Gilmore, for moving furniture, etc., and for grading on line of fences at Reservoir "M," and for extra posts for same, amounting in all to fifteen dollars and ten cents.

Second : Of Oscar Miersch, for transportation of men and tools, etc., at Purdy's Station, amounting to thirty-two dollars and eighty-four cents.

Third : Of George Palmer, for transportation of men and tools, etc., at New Croton Gate House, amounting to fourteen dollars.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of John C. Rodgers, for extending the overflow pipes from Shaft No. 25 to the Harlem river, amounting to nineteen hundred and forty-seven dollars and forty-six cents (\$1,947.46), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 9, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—On February 19, 1897, the Chief Engineer asked for bids for furnishing three hundred and seven (307) stone monuments to mark the boundaries of certain lands in the Croton Valley acquired by the Aqueduct Commissioners.

Bids were asked from eight different parties.

The following offers have been received :

NAME OF BIDDER.	PRICE PER MONUMENT.	TOTAL AMOUNT OF BID.
John Peirce, Temple Court, N. Y.....	\$3 00	\$921 00
Peter Celi, Woodlawn, N. Y.....	3 45	1,059 15
Exra Wright, Tuckahoe, N. Y.....	3 80	1,166 60
Bailey Ganung, Somers, N. Y.....	3 85	1,181 95
Adolph Heuss, Sing Sing, N. Y.....	3 95	1,212 65
John O'Brien, Sing Sing, N. Y.....	4 75	1,458 25
John Beattie, Leet's Island, Conn.....	5 95	1,826 65

Mr. John Peirce being the lowest bidder, I will recommend that the work of furnishing said monuments be awarded to him for the total sum of his bid, viz. : \$921.

I will mention in connection with the above, that on two previous occasions the Chief Engineer had asked for bids for furnishing these monuments. He finally decided to increase the number of monuments, and new bids were asked for and received as given above. The bids are submitted herewith.

Yours, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the furnishing of three hundred and seven stone monuments to mark the boundaries of certain lands acquired by the City in the Croton Valley, be and hereby is given to John Peirce, the lowest bidder, at his price for furnishing the same, to wit, nine hundred and twenty-one dollars (\$921).

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Cortlandt, Westchester County, N. Y., amounting to seven hundred and nineteen dollars and twenty-one cents (\$719.21), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$517.90 had been received from Division Engineer Gowen, being the amount of rent collected to date on the New Croton Dam Division of the New Aqueduct on buildings owned by the City of New York and under the control of the Aqueduct Commissioners ; and stating that said amount had been duly transmitted to the City Chamberlain for the credit of the " Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11,572 to 11,593, inclusive, amounting to \$4,877.76.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of February 27, 1897, gave notice of the issue of warrants for the payment of vouchers, not certified to by the Aqueduct Commissioners, for

Cornell Dam	\$5,824 86
Sodom Reservoir	1,200 00
Jerome Park Reservoir	18,402 92
Croton Falls	10 00
Reservoir "D"	2,200 00
Reservoir "M"	370 66
Katonah	110 00
Reservoir "I"	1,152 90
Sodom	820 00

—and stating that bonds had been issued for the credit of the "Additional Water Fund," as follows :

October 20, 1896	\$80,000 00
October 31, 1896	54,500 00
November 18, 1896	2,750,000 00
Premium	\$129,525 00

Leaving a balance to the credit of said fund of. \$467,191 41

Which was ordered entered upon the books of the Commissioners and filed.

On motion of Commissioner Tucker, the minutes of meetings of January 6, 20 and 27, and February 3, 10 and 17, and March 3, 1897, were ordered approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE. On Wednesday, March 24, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, March 31, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Construction or Executive Committee presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 24, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Referring to a letter of March 15, from Mr. W. B. Chamberlain, asking that repairs be made to a certain piece of highway in the Town of Croton Falls, I beg to report as follows :

Mr. Joel Purdy, owning a mill in the Town of Croton Falls, cut his mill-race through the road. It was for his private use and he was always required to, and did, keep this portion of the highway in good condition.

As the City has taken the property, including the mill and mill-race, I think it proper that we should assume the responsibility of keeping in repair the highway or doing away with the mill-race altogether at this point. Mr. Purdy does not wish to rent the mill. I have therefore considered that the best thing to do is to shut off the mill-race and make a solid fill where it crosses the road. This will necessitate a fill of about 200 cubic yards of earth, and it will also be necessary to provide a short piece of drain in connection with the work.

Two persons have offered to do the work : William Gilmore for 35 cents per cubic yard for filling. He will lay the necessary drain-pipe at cost plus 10 per cent. Nathaniel H. Voris offers to do it for 40 cents per cubic yard, with same conditions as above for laying drain-pipe. Gilmore further agrees, without additional cost, to keep the road in repair, and to grade where the fill is made, to November 1, 1897.

MARCH 31, 1897.]

42

Under the above conditions I have accepted Mr. Gilmore's offer, and have instructed Mr. Wegmann to have the work done. I think the cost will not exceed \$200.

Asking for your approval of my action, I am,

Yours, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in accepting the offer of William Gilmore to do certain repairs to a piece of highway in the Town of Croton Falls, Westchester County, New York, at the price as above set forth, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 24, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The awards for parcels shown on Map No. 2 of Katonah have been made, and I respectfully ask and advise that buildings on the following parcels be sold at public auction on or about April 13, 1897 :

Old post-office, Parcel No. 310.

Stable, Parcel No. 312.

House and barn, Parcel No. 311.

Hoyt's store and house, Parcel No. 316.

House and barn, Parcel No. 336.

House, Parcel No. 313.

House, Parcel No. 321.

Some other buildings may be added to the list if you approve of the sale.

Yours, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the foregoing recommendation of the Acting Chief Engineer be approved, and the President and Secretary be directed to advertise said buildings for sale at public auction in the CITY RECORD of this City and in the local newspaper or newspapers nearest the location of said buildings ; and that the terms of sale be fixed by the Acting Chief Engineer.

On motion of Commissioner Green, the same was adopted.

The Committee also presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 24, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In the Village of Katonah there are a number of plank sidewalks, in some instances laid by private parties whose property has been taken by the City. These sidewalks are in a very bad condition, and, in case of accident, the City might be held liable for damages.

The Village Improvement Society, under whose supervision these sidewalks have generally been kept in repair, have refused to do any more work on them. I therefore consider it advisable that they should be removed. It would take two men (Laborers) probably four or five days to

remove these plank walks. I have instructed Mr. Wegmann, under the circumstances, to employ two Laborers, not to exceed five days, to do this work.

Asking your approval of my action, I am,

Yours, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer, as above set forth, be and hereby is approved, and authority is hereby granted to temporarily employ two Laborers to do the work above mentioned.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That Thomas Duffy and Martin Towey, temporarily employed as Laborers on March 24, 1897, to remove old sidewalks in the Village of Katonah, Westchester County, N. Y., be and hereby are discharged as of March 27, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also presented the following communication, received from the Acting Chief Engineer :

NEW YORK, March 30, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The drain trenches at Auxiliary Dam, Reservoir "D," were filled late last season when there was considerable frost in the ground, and have shown a settlement requiring immediate attention. I therefore instructed Assistant Engineer Watkins, at Carmel, to employ two Laborers, not to exceed six days, to do the necessary work on these trenches, and he has employed George Foss, of Lake Mahopac, and Charles E. Abel, of Mahopac Mines, Laborers, at \$2 per day, commencing on March 25.

Asking your approval of my action, I am,

Yours, respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in temporarily employing George Foss and Charles E. Abel, as Laborers, on March 25, 1897, to do work as above set forth, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in discharging Laborers George Foss and Charles E. Abel on March 29, 1897, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the salary of John McCormick, Laborer, at Jerome Park Reservoir, be and hereby is increased from two dollars to two dollars and fifty cents per day, the same to take effect on April 1, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of North Salem, Westchester County, N. Y., amounting to two hundred and fifty-nine dollars and four cents (\$259.04), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolutions.

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Ossining, Westchester County, N. Y., amounting to thirteen dollars and sixty cents (\$13.60), is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Mt. Pleasant, Westchester County, N. Y., amounting to thirty-four dollars and forty-three cents (\$34.43), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, subject to the approval of the Board of Estimate and Apportionment of the City of New York, the President of this Commission be and hereby is authorized and directed to enter into a lease with the owner of the Stewart Building, in said city, for the occupancy of Rooms Nos. 207, 209, 211, 213, 214, 215 and 216, by the Aqueduct Commissioners, for one year from May 1, 1897, at a rental of seven thousand five hundred dollars (\$7,500), per annum, payable quarterly, at the expiration of each quarter.

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$1,459.02 had been received from Division Engineer Wegmann, being the amount of rent collected for the month of March, 1897, on the Croton River Division of the New Aqueduct, from property owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been duly transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11601 and 11602, amounting to \$30,692.67, and of bills contained in Vouchers Nos. 11603 to 11623, inclusive, amounting to \$874.71.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 200
Stewart Building, on Wednesday, April 7, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Construction or Executive Committee recommended the adoption of the following preamble and resolution :

Whereas, The Deputy Commissioner of Public Works, under date of March 2, 1897, requested the transfer of William James, Journeyman Machinist, to the Department of Public Works, and the Acting Chief Engineer of this Commission having reported that the services of said James can be dispensed with on the 12th instant ; therefore,

Resolved, That the Aqueduct Commissioners hereby consent to the transfer of William James, Journeyman Machinist, to the Department of Public Works on April 12, 1897.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Bedford, Westchester County, N. Y., amounting to eight hundred and nine dollars and ninety-nine cents, is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1896, due the City of Yonkers, Westchester County, N. Y., amounting to seven hundred and fifty-two dollars and seventy-nine cents, is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Yorktown, Westchester County, N. Y., amounting to one hundred and fifty-six dollars and two cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of Lewisboro, Westchester County, N. Y., amounting to one hundred and fifty-four dollars and forty-one cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11625, amounting to \$38,723.85, and of bills contained in Vouchers Nos. 11626 to 11636, inclusive, amounting to \$1,980.56.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, April 14, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, April 21, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Acting Chief Engineer, the accompanying bill of Mrs. C. S. Gowen for six months' rent of stable at Sing Sing, N. Y., amounting to thirty dollars, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Acting Chief Engineer :

NEW YORK, April 9, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—It is necessary to have, at a convenient point at Jerome Park Reservoir, a cabin for the use of the Superintendents of Dam Construction.

After looking into the matter, I find that Contractor McDonald will furnish a suitable building, move it and put it in order for a sum not to exceed \$75.

To construct a new building that would be equally satisfactory would cost double the above sum.

I have therefore asked Mr. McDonald to furnish the proposed building.

Requesting your approval of the above, I am, yours respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Acting Chief Engineer in ordering a cabin for the use of the Superintendents of Dam Construction at the Jerome Park Reservoir from John B. McDonald, at an expense not to exceed the sum of seventy-five dollars, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following :

NEW YORK, April 14, 1897.

To the Honorable the Committee on Construction:

GENTLEMEN—Referring to my communication of April 7, in reference to a request from Chief Engineer George W. Birdsall that certain lands west of the Bog Brook Dam be acquired by the Aqueduct Commissioners, which communication was "referred back to the Acting Chief Engineer for investigation and report," I beg to say that I have visited and examined the premises shown on the map submitted by Mr. Birdsall, and find as follows :

First—The total area of lands shown on the map is 103.651 acres, contained in parcels numbered from 88 to 96, inclusive.

Second—Of these, Parcels Nos. 88 to 91, inclusive, containing 67.418 acres, lie to the west of and considerably below the water in the Bog Brook Reservoir.

The advisability of acquiring this land has been under consideration for some time by your Chief Engineer, and it appears from investigations made under his direction that a considerable portion of these lands are affected more or less by seepage from the reservoir.

Third—Parcels Nos. 92 to 96, inclusive, containing 36.233 acres, are those referred to in Mr. Birdsall's letters as several pieces he has added "on account of probable nuisances and present ones that should be abated."

Finally, I am of the opinion that Parcels Nos. 88 to 96 should be acquired by the Aqueduct Commissioners on account of their positions relative to the Bog Brook Reservoir; also that Parcels Nos. 92 to 96, inclusive, do contain many buildings, largely barns and out-houses, in some instances located directly on the banks of the Everett brook, causing nuisances that should be abated, and I believe can only be substantially abated by condemning the lands, and I therefore consider that these last-mentioned parcels should also be acquired, but I do not see that the expenses should be assumed by the Aqueduct Commissioners, being for lands beyond the limits in any way affected by the construction of the reservoirs.

Yours respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

I concur in the above.

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following preamble and resolution :

Whereas, It is the sense of the Aqueduct Commissioners that it is for the best interests of the City of New York that certain additional lands situated west of Bog Brook Reservoir, near Brewster, Putnam County, New York, should be acquired for the protection of said reservoir; therefore

Resolved, That the Commissioner of Public Works be and hereby is requested to prepare and submit to the Aqueduct Commissioners a map, as required by section 2 of chapter 490 of the Laws of 1883 of the State of New York, showing thereon the parcels of land which it is deemed necessary should be so taken, and that full opportunity to be heard thereon be given to all persons interested, said hearing to be given at the office of the Aqueduct Commissioners; and the President and Secretary are hereby directed to give notice of said hearing by publication in the CITY RECORD, and in such newspaper or newspapers published nearest the location of said lands as to them may seem proper.

On motion of Commissioner Green, the same were adopted.

The Committee presented a communication received from the Secretary, reporting that the sum of \$525.17 had been received from Division Engineer Gowen, being the amount of rent collected for the month of April, 1897, on buildings on the New Croton Dam Division of the New Aqueduct, said buildings being the property of the City of New York and under the control of the Aqueduct Commissioners; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Committee also presented a communication received from the Secretary, reporting that the sum of \$1,619.95 had been received from Division Engineer Wegmann, being the net proceeds of sale at public auction on April 13, 1897, of buildings in Katonah, Westchester County, N. Y., said buildings being the property of the City of New York and under the control of the Aqueduct Commissioners; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Comptroller, under date of March 31, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Cornell Dam.....	\$3,756 88
Croton Falls.....	1,680 00
Jerome Park Reservoir.....	392 26
Reservoir "D".....	590 00
Reservoir "I".....	1,666 00
Double Reservoir "I".....	1,337 15
Reservoir "M".....	2,234 25
Sodom Reservoir.....	120 00
Katonah.....	765 00

Leaving a balance to the credit of the "Additional Water Fund" of..... \$389,315 30

Which was ordered entered upon the books of the Commissioners and filed.

The following was received :

"Resolved, That the Comptroller be and hereby is authorized to pay the rent of rooms Nos. 207, 209, 211, 213, 214, 215 and 216 in the Stewart Building, occupied and used as offices by the Aqueduct Commission, from May 1, 1897, to May 1, 1898, at a rental of seven thousand five hundred dollars (\$7,500) per annum, payable quarterly at the expiration of each quarter.

"A true copy of resolution adopted by the Board of Estimate and Apportionment April 15, 1897.

"CHARLES V. ADEE, Clerk."

On motion of Commissioner Cannon, the same was ordered filed.

APRIL 21, 1897.]

52

The Committee on Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11,642 to 11,658, inclusive, amounting to \$578.56.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, April 28, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, April 28, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—A number of houses belonging to the City in Croton Falls and Katonah are now untenanted, and we find that some of them have been broken into and some of the contents stolen.

Such being the case, I would recommend that such houses as the Engineer would find proper to sell at present, to the number of about fifteen (15) or twenty (20), be sold at auction at short notice.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President and Secretary be and hereby are authorized and directed to provide for the sale at public auction of the buildings above referred to.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, April 28, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—I have to report that the following is needed for the proper equipment of the New Croton Dam Division :

One (1) new three-seated wagon for the transportation of the Engineering Party from Sing Sing to the office at the dam.

One (1) buggy for the Division Engineer.

One (1) double harness for the Division Engineer.

The carriages which are to be replaced have been repaired several times, and I do not think they are now worth repairing, as it would cost too much to do so, as compared with the cost of the new vehicles.

The present three-seated wagon has had twelve (12) years' service.

A new three-seated wagon can be had for a price not exceeding \$150. A new buggy, deducting the value of the present one, which would be taken by the dealer, would not cost over \$50. A new harness would cost about \$75.

This is to ask you to allow me to spend for the above a sum not exceeding \$275.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority is hereby granted to the Chief Engineer to procure the articles above enumerated for the proper equipment of the New Croton Dam Division, at a cost not to exceed the sum of two hundred and seventy-five dollars.

On motion of Commissioner Tucker, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, April 28, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—A few weeks ago you authorized the repairs of a dangerous highway at Croton Falls, and the work was given to the lower of two bidders. Another case of the same kind now occurs on land taken by the City, and I recommend that the work be done without delay by the same party who was the lower bidder for the work above-mentioned. The amount of the work would be under seventy-five (75) dollars.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to employ William Gilmore to make the necessary repairs to a piece of highway in the Town of Croton Falls, Westchester County, N. Y., as above set forth, at a cost not to exceed the sum of seventy-five dollars.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, April 28, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The milk factory at Purdy's Station, which has been recently acquired by the Aqueduct Commissioners, has now been vacated for some time, and, inasmuch as there is in the buildings some valuable machinery which, if left to itself, might deteriorate or be stolen, I recommend that the said machinery be sold at auction shortly, and, in the meantime, that a

watchman, living near the premises, be appointed to take care of the property until the time of the sale.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President and Secretary be and hereby are authorized to provide for the sale of the machinery now contained in the milk factory at Purdy's Station, New York, as set forth in the above communication ; and authority is also granted to employ a suitable person to act in the capacity of watchman until the time of such sale.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the Sheriff of the County of Westchester of the State of New York be and hereby is requested to appoint and detail a Deputy Sheriff to take care of the property of the City of New York, under the control of the Aqueduct Commissioners in said county, at a compensation not to exceed the sum of three dollars and fifty cents per diem, to be paid by the Aqueduct Commissioners, the transportation expenses of said Deputy Sheriff to be paid by himself ; and the name of F. W. Camp is respectfully suggested to the Sheriff of said county as a proper person to fulfill the requirements of such position.

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$1,917.52 had been received from Division Engineer Wegmann, being the amount of rent collected for the month of April, 1897, on buildings on the Croton River Division of the New Aqueduct under the control of the Aqueduct Commissioners and owned by the City of New York ; and stating that said amount had been transmitted to the City Chamberlain for the credit of the " Additional Water Fund ", and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, May 5, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in temporarily employing Charles Fuller as Watchman at the Milk Factory at Purdy's Station, Westchester County, N. Y., on May 1, 1897, at a compensation of three dollars per day, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Peter Denning be and hereby is appointed Laborer in the Engineer Corps of the Aqueduct Commissioners, at a compensation of two dollars per day, his pay to commence when assigned to duty by the Chief Engineer.

On motion of Commissioner Green, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, May 4, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The volumes of the percolation of water under the Auxiliary Dam at Carmel, as must have been expected, varied closely with the fluctuating heights of the reservoir during the winter, and have been watched and gauged with care, and have shown a substantial decrease, due in a large part, to the work done in 1896, in dumping earth on the south side of the reservoir adjacent to the end of the dam.

Such being the case, it is my opinion that it would be for the interest of the City to continue this year the same operation and to dump some earth at a higher elevation, at the same points as last year.

As the nature of the work would vary as it progresses, I would respectfully recommend that this work and also some additional trenching in the same neighborhood be done by day labor ; the aggregate cost would be under \$4,000.

At another part of the reservoir the high causeway which was built across it has settled somewhat, as was expected, and before the roads are surrendered to the towns, I would advise the raising of the grade to its proper height. I believe also that it would be preferable to do this work by the day ; the cost not to exceed \$1,000.

Yours respectfully,

A. FTELEV, Chief Engineer.

—and recommended the adoption of the following resolutions :

Resolved, That authority be and hereby is granted to the Chief Engineer to have done by day labor the work required for taking care of the percolation of water under the Auxiliary Dam at Carmel, and for the necessary trenching required in the same neighborhood, as above set forth, at an expenditure not to exceed four thousand dollars (\$4,000).

Resolved, That authority be and hereby is granted to the Chief Engineer to have done by day labor the work required for raising the causeway built across Reservoir "D," as above set forth, at an expenditure not to exceed one thousand dollars (\$1,000).

On motion of Commissioner Cannon, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Secretary, the accompanying bill of Jefferson Groub, Purveyor, amounting to one hundred and forty dollars and seventy-three cents (\$140.73), for taxes paid by him on lands taken in fee by the City of New York for the construction of the New Aqueduct, dams, etc., for the year 1896, as follows :

School District No. 19, Town of Cortlandt	\$106 35
Town of New Castle	18 67
Town of Somers	15 71

—is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11662, amounting to \$50,564.69, and of bills contained in Vouchers Nos. 11663 to 11675, inclusive, amounting to \$2,956.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, May 12, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11678 and 11679, amounting to \$36,603.93.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, May 12, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The following letter from Division Engineer Gowen is respectfully submitted with the recommendation that the suggestion therein contained be followed and acted upon :

“ NEW CROTON DAM, N. Y. }
“ May 6, 1897. }

“ A. FTELEY, Esq., *Chief Engineer :*

“ DEAR SIR—Reuben Searles, former owner of part of Parcel No. 104, who has kept a road-house and bar, has been directed by us to close up his bar on May 1. This he has not done, and I am told on good authority that he has applied for a license to continue his business for another year, his present license having run out on May 1. He has, however, under the law, until June 1 to renew this license.

“ As the City is now owner of this property, a protest on our part to the County Treasurer of Westchester County will prevent the renewal of this license. He has paid his rent some time since up to the 1st of June.

MAY 12, 1897.]

60

"I would therefore recommend that steps be taken to prevent the issue of the license, and that further action in this case be delayed until the result of the protest, if such be entered, be ascertained.

"Very respectfully,
(Signed) "CHAS. S. GOWEN, Division Engineer."

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the County Treasurer of Westchester County of the State of New York be notified that the Aqueduct Commissioners protest against the renewal of a license to Reuben Searles, former owner of part of Parcel No. 104 of land required for the construction of the New Croton Reservoir, near Croton Lake, New York.

On motion of Commissioner Tucker, the same was adopted.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, May 19, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Cannon and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence, without pay, for two weeks, beginning June 2, 1897, is hereby granted to Rodman August Jadin.

On motion of Commissioner Green the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following-named persons be and hereby are appointed Laborers in the Engineer Corps of the Aqueduct Commissioners, at a compensation of two dollars per day, their services to commence on May 20, 1897 :

James R. Ostrander, Croton Falls, N. Y.

Gerhart Raters, Brewster, N. Y.

Eli Hart, Carmel, N. Y.

George Oakley, Lake Mahopac, N. Y.

John Morf, Brewster, N. Y.

James May, Craft's, N. Y.

George Foss, Lake Mahopac, N. Y.

August Anderson, Lake Mahopac, N. Y.

John Kelly, Lake Mahopac, N. Y.

Charles E. Abel, Mahopac Mines, N. Y.

William Malone, Mahopac Mines, N. Y.

Richard O'Brien, Mahopac Mines, N. Y.

On motion of Commissioner Green, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, May 19, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The Park Department has begun to remove the debris that accumulated on the Speedway from the slide on the side hill which took place this spring, and after a careful examination of the premises, it is my opinion that the best way to secure the rock cliff from another slide which would be detrimental to our works, is to build at the toe of the same a substantial stone wall

laid in cement, which would extend on both sides of the Gate-house, to such point as shall be established by accurate surveys ; and I respectfully recommend that I be authorized to prepare plans and specifications for a contract which would include the work aforesaid, leaving the designing of the upper work to such time as the plans of the Park and Public Works Departments will be more definitely known and when our exploration of the foundation will determine certain points which are not now fully ascertained.

The plan proposed will involve some changes in the plans of the Park Department, especially as regards the height of the sidewalk, which must be about ten (10) feet higher than was originally intended.

As the proposed work is of a vital character to the welfare of the water-works, it is to be expected that the Park Department will acquiesce to such a change as in your opinion would be necessary. I have already conferred several times with their Engineer, Professor W. H. Burr, who admits the necessity of the expected change of plan, and he is to bring the matter officially before the Board of Park Commissioners during the present week.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority be and hereby is granted to the Chief Engineer to prepare plans and specifications for doing the work as above set forth.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Edward R. Scott against The Mayor, Aldermen and Commonalty of the City of New York, for the sum of three hundred and seventy-one dollars and twenty cents (\$371.20) ; therefore

Resolved, That a voucher be and hereby is ordered drawn in favor of Edward R. Scott for the sum of three hundred and seventy-three dollars and thirty cents (\$373.30), being the amount of judgment rendered for salary due said Edward R. Scott while employed as an Inspector of Masonry on the New Aqueduct and interest thereon, and certified to the Comptroller for payment.

On motion of the Commissioner of Public Works, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1896, due the Town of North Salem, Westchester County, N. Y., amounting to one hundred and twenty-one dollars and fifty-five cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$346 had been received from Division Engineer Charles S. Gowen, being the amount of rent collected for the month of May, 1897, on buildings on the New Croton Dam Division of the New Aqueduct, said property being owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount, together with the sum of \$5, which had been received from the Passaic Valley Sewerage Company of Newark, N. J., for rent of level and

planimeter from August to December, 1896, had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipts therefor were on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Comptroller, under date of April 30, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, as follows :

Cornell Dam	\$5,905 80
Croton Falls.....	1,006 55
Reservoir "D".....	1,820 00
Croton Falls.....	285 00
Double Reservoir "I".....	1,701 66
Jerome Park Reservoir.....	253 48
Cornell Dam	250 00

Leaving a balance to the credit of the "Additional Water Fund" of \$286,703 72

Which was ordered entered upon the books of the Commissioners and filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11684 to 11700, inclusive, amounting to \$815.29.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, May 26, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The meeting was declared open for public hearing in pursuance of the following notice, published from May 14 to 26, 1897, in the CITY RECORD, "The Evening Post" and the "New York Tribune"; also in the "Brewster Standard" of Brewster, Putnam County, New York:

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, NO. 280 BROADWAY,
NEW YORK, May 14, 1897.

PUBLIC NOTICE.

TO ALL WHOM IT MAY CONCERN.

In conformity with the requirements of section 2, chapter 490, Laws of 1883, of the State of New York, public notice is hereby given to all persons interested that full opportunity will be afforded them to be heard in relation to acquiring additional lands west of Bog Brook Reservoir, near Brewster, Putnam County, New York, required for the maintenance of said reservoir, as shown upon the map now on file in this office; said public hearing to be held at the office of the Aqueduct Commissioners, Room 209, Stewart Building, No. 280 Broadway, New York, on Wednesday, May 26, 1897, at 3 o'clock P. M., and upon subsequent dates thereafter to which said hearing may be adjourned, until concluded.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

Mr. Benjamin D. Everett, owner of Parcel No. 90, Mr. A. F. Lobdell, owner of Parcel No. 91, and Mr. Arthur P. Budd, representing Mrs. Aurelia Paddock, owner of Parcel No. 92, appeared before the Commissioners, and expressed themselves as not being opposed to the taking of the lands belonging to them.

No other persons desiring to be heard, the President declared the hearing closed.

On motion of Commissioner Cannon, a recess was then taken.

Upon resuming the meeting there were present, Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11704 to 11708, inclusive, amounting to \$256.50.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the following bills are hereby approved and ordered certified to the Comptroller for payment, viz. :

First—Of H. Amling, Jr., for services as veterinary surgeon and for medicine, amounting to ten dollars (\$10).

Second—Of Louis Cattaberry, for moving office furniture at Jerome Park Reservoir, amounting to twenty dollars and eighty-two cents (\$20.82).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, May 25, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The following named Laborers, appointed on May 19, reported for duty on May 20.

James R. Ostrander, Eli W. Hart, George Foss, John Kelly, Charles E. Abel, Gerhart Raters, James May, August Anderson, William Malone, Richard O'Brien.

Two of the Laborers appointed, George Oakley and John Morf, did not report, as they have other employment.

The following drivers with teams, at \$4 per day, have been employed :

Thomas J. Brennan, 1 driver with 1 team, May 20.

W. J. Corbin, 2 drivers with 2 teams, May 21.

Joseph Gordon, 1 driver with 1 team, May 21.

George R. Cole, 1 driver with 1 team, May 21.

R. B. Wixom, 1 driver with 1 team, May 21.

Samuel Cornish, 1 driver with 1 team, May 21.

I respectfully ask your approval for the employment of the above-mentioned drivers and teams.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolutions :

Resolved, That that part of the resolution adopted by the Aqueduct Commissioners on May 19, 1897, appointing George Oakley and John Morf as Laborers at two dollars per day, their

services to commence on May 20, 1897, be and hereby is rescinded, said persons having failed to report for duty.

Resolved, That the action of the Chief Engineer in employing the following persons, with teams, on the dates set opposite their names, at a compensation of four dollars per day, be and the same is hereby approved :

Thomas J. Brennan, 1 driver with 1 team, May 20, 1897.

W. J. Corbin, 2 drivers with 2 teams, May 21, 1897.

Joseph Gordon, 1 driver with 1 team, May 21, 1897.

George R. Cole, 1 driver with 1 team, May 21, 1897.

R. B. Wixom, 1 driver with 1 team, May 21, 1897.

Samuel Cornish, 1 driver with 1 team, May 21, 1897.

On motion of Commissioner Cannon, the same were adopted.

The Committee reported that application had been made to the Civil Service Commission for an eligible list of names from which to appoint six Laborers for work at Carmel, New York, and recommended that authority be given to the Chief Engineer to employ six Laborers from such eligible list, when received, subject to the rules and regulations of said Commission.

On motion of Commissioner Cannon, the recommendation was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That authority be and hereby is granted to the Chief Engineer to purchase a horse for use at Carmel, Putnam County, New York, at a cost not to exceed the sum of one hundred and fifty dollars (\$150).

On motion of Commissioner Green, the same was adopted.

The Committee presented final plan sheet, described as "Exhibit No. 1 of 1897," submitted by the Commissioner of Public Works on May 20, 1897, showing certain additional lands required for the maintenance of Double Reservoir "I," in the Town of South East, Putnam County, New York, and recommended the adoption of the following resolution :

Resolved, That, for the more efficient carrying out of the provisions of chapter 490 of the Laws of 1883 of the State of New York, and the acts amendatory thereof, we, the Aqueduct Commissioners, do hereby approve and adopt the aforesaid final plan sheet, showing certain additional lands required for the maintenance of Double Reservoir "I," in the Town of South East, Putnam County, New York, and direct that the same be duly certified and filed in this office, and designated "Final Plan Sheet No. 1 of 1897," and that a copy thereof be certified and transmitted to the Commissioner of Public Works for filing in his office, as required by section 25 of the aforesaid act.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented six similar property maps, submitted by the Commissioner of Public Works on May 20, 1897, showing certain additional lands required for the maintenance of Double Reservoir "I," in the Town of South East, Putnam County, New York, and recommended the adoption of the following resolution :

Resolved, That the six similar property maps received from the Commissioner of Public Works on May 20, 1897, showing certain additional lands required for the maintenance of Double Reservoir "I," in the Town of South East, Putnam County, New York, be and the same are hereby approved and adopted, and directed to be certified and transmitted to the Counsel to the Corporation for filing and delivery to the Commissioners of Appraisal, in accordance with the provisions of chapter 490 of the Laws of 1883 of the State of New York ; and the Counsel to the Corporation is hereby requested to take the steps necessary to acquire for the City, under chapter 490 of the Laws of 1883 of the State of New York, the fee in the lands described on said maps, and the Secretary is hereby directed to furnish to the Counsel to the Corporation all maps, plans, etc., which he may require in the premises.

The same was adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also presented a communication, received from the Secretary, reporting that the sum of \$1,662.50 had been received at this office from Division Engineer Wegmann, being the amount of rent collected on buildings on the Croton River Division of the New Aqueduct for the month of May, 1897, said buildings being the property of the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been transmitted to the City Chamberlain for the credit of the " Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, June 2, 1897, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11711 and 11712, amounting to \$33,550.61. and of bills contained in Vouchers Nos. 11713 to 11721, inclusive, amounting to \$321.18.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Darby Ford as a Laborer at two dollars per day, from May 25 to May 31, 1897, inclusive, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, June 2, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—For the proper protection against fire of the flume which has been erected in the Jerome Park Reservoir, on the line of the Old Croton Aqueduct, I would ask you to authorize me to order from the contractor a corrugated iron covering to be erected, completed and painted. The contractor to receive in payment the equivalent of the cost of the work, plus ten per cent. for superintendence, use of plant and tools. The total cost not to exceed \$195.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority be and hereby is granted to the Chief Engineer to order from John B. McDonald a corrugated iron covering for the proper protection of the flume erected in the

JUNE 2, 1897.]

70

Jerome Park Reservoir, on the line of the Old Croton Aqueduct, as set forth in the above communication, at an expense not to exceed the sum of one hundred and ninety-five dollars (\$195).

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$182.30 had been received from Division Engineer Wegmann, being the amount of taxes paid by the City of New York on property situated in the Towns of New Castle, Lewisboro, North Salem and Bedford, Westchester County, New York, and refunded by former owners of said property ; and stating that said amount has been transmitted to the City Chamberlain for the credit of the " Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, June 9, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, June 16, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11723, amounting to \$47,478.12, and of bills contained in Vouchers Nos. 11726 to 11741, inclusive, amounting to \$458.45.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolutions :

Resolved, That the action of the Chief Engineer in employing the following-named persons as Laborers, at two dollars per day, on the dates set opposite their names, be and hereby is approved, said persons having been certified by the Civil Service Commission as eligible for such employment :

John Morrison, June 7, 1897.

John M. Strang, June 7, 1897.

William H. Adams, June 7, 1897.

James P. Rogers, June 8, 1897.

Jacob Tompkins, June 8, 1897.

Resolved, That the action of the Chief Engineer in employing Thomas Finnaughty on June 8, 1897, as a driver with team at four dollars per day, for work at Carmel, N. Y., be and hereby is approved.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Coleman, Ryan & Brown, contractors for the construction of the New Croton Dam, for expenses for grouting the foundation of said dam, amounting to two thousand four hundred and thirty-two dollars and forty-seven cents (\$2,432.47), is hereby approved and ordered certified to the Comptroller for payment.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Cannon and Greene—4.

The Committee also presented the following communication, received from the Chief Engineer :

NEW YORK, June 16, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In accordance with your request, I transmitted to the Department of Public Parks, through Professor W. H. Burr, their Consulting Engineer, a plan of the proposed toe wall to be built on the westerly side of the Harlem River Driveway for the protection of the Gate-house and of the surrounding rock slopes.

I now transmit to you this plan as approved by the Commissioners of Public Parks, and would ask you to return a copy of the same with the approval of Aqueduct Commissioners, through their President.

The conditions attached to the approval of the Park Commissioners are expressed as follows, in a letter received this day from Professor Burr :

"This print has been approved under the provision that the full width of sidewalk, as shown on the plans of this Department at the location covered by the print, is to be maintained with the possible exception of one point where the 48-inch overflow pipe may decrease the width by one foot. I see no objection to the pipe showing on the westerly limit of the sidewalk, and if such a detail meets your approval, I should prefer it as trenching one foot on the clear width of the walk. This plan was also approved under the provision, as agreed between yourself and myself, that the entire expense of this proposed wall, as shown on the print, shall be borne by the Aqueduct Commissioners."

Yours respectfully,

A. FTELEV, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President is hereby requested and directed to certify the approval of the Aqueduct Commissioners on the map above referred to.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1897, due the Town of Kent, Putnam County, New York, amounting to one hundred and twelve dollars and seventeen cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the following bills for taxes for the year 1896 are hereby approved and ordered certified to the Comptroller for payment, viz. :

Board of Education, District No. 5, Town of Greenburgh, N. Y.....	\$12 02
Town of Bedford, Westchester County, N. Y.....	16 95
Town of Lewisboro, Westchester County, N. Y.....	8 87
Town of New Castle, Westchester County, N. Y.....	51 76

Resolved, That the accompanying bill for taxes for the year 1897, due the Village of Ardsley, Westchester County, N. Y., amounting to twenty-two dollars and eighty-four cents (\$22.84), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following preamble and resolutions :

Whereas, Clark & Co., contractors, for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, near Sedgwick avenue, in the Twenty-fourth Ward of the City of New York, under a contract made with the Mayor, Aldermen and Commonalty of the City of New York, dated November 17, 1896, have signified to the Aqueduct Commissioners their desire to execute an assignment of the moneys due them for the estimate for work done during the month of May, 1897, amounting to twelve hundred and ten dollars and ninety-five cents (\$1,210.95), to the Schermerhorn Bank of Brooklyn, New York; and said Clark & Co. having requested the Aqueduct Commissioners to assent to said assignment, and inasmuch as the contract for doing said work provides that the contractor shall not assign, by power of attorney or otherwise, unless by and with the consent of the Aqueduct Commissioners, and your Committee being satisfied that it will be to the best interests of the work and beneficial to the City of New York that such consent be given; therefore,

Resolved, That the Aqueduct Commissioners hereby assent and consent to the assigning of the moneys due Clark & Co., contractors, under and in pursuance of a certain contract for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, near Sedgwick avenue, in the Twenty-fourth Ward of the City of New York, dated November 17, 1896, for the estimate for work done by said Clark & Co. during the month of May, 1897, amounting to twelve hundred and ten dollars and ninety-five cents (\$1,210.95), to the Schermerhorn Bank of Brooklyn, N. Y.

Resolved, That a copy of these resolutions be indorsed upon the contract above referred to and certified by the President and Secretary of the Aqueduct Commissioners.

The same were adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Cannon and Green—4.

The Committee also presented the following communication :

NEW YORK, June 16, 1897.

To the Honorable the Board of Aqueduct Commissioners :

GENTLEMEN— Having formed a copartnership with Andrew Onderdonk of the City of New York, under the firm name of McDonald & Onderdonk, for the purpose of completing the erection and construction of the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, in accordance with the contract and specifications made and entered into between the City of New York and myself, dated the 23d day of August, 1895, I hereby respectfully ask your Honorable Board to take such action in the premises as may be required under section "I" page 46 of the said contract, and to grant the consent necessary to the assignment of all my interest in the said contract to the said copartnership.

Very respectfully,

JOHN B. McDONALD, Contractor.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

In connection therewith, the Committee recommended the adoption of the following preambles and resolutions :

Whereas, John B. McDonald, contractor for the construction of the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, has informed the Aqueduct Commissioners that he has executed an assignment to the firm of McDonald & Onderdonk, consisting of said John B. McDonald and Andrew Onderdonk, of all of his, the said McDonald's, right, title and interest in and to a certain contract executed with him, the said McDonald, by the Mayor, Aldermen and Commonalty of the City of New York, acting by and through the Aqueduct Commissioners, dated August 23, 1895, for building the Jerome Park Reservoir, near Kingsbridge, in the Twenty-fourth Ward of the City of New York, and to all the moneys due and to become due and payable under said contract from and after the 16th day of June, 1897, the date of said assignment, including such sum of money as may be now withheld for retained percentage upon work done and materials furnished by said McDonald under said contract prior to said 16th day of June, 1897 ; and

Whereas, The Aqueduct Commissioners are content to consent to the assignment of the aforesaid contract ;

Resolved, That the Aqueduct Commissioners do hereby assent and consent to the assignment of the aforesaid contract, and of the moneys due and to become lawfully due and payable under said contract, by the said John B. McDonald to the said firm of McDonald & Onderdonk, provided that the bondsmen of said John B. McDonald shall consent, in writing, to the assignment of said contract and moneys, and shall agree that the same shall not impair or affect their liability for the faithful performance of said contract by the said McDonald or his assignees.

Resolved, That a copy of these resolutions be indorsed upon the several contracts above referred to and certified by the President and Secretary of the Aqueduct Commissioners.

The same were adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Cannon and Green—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, June 23, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Tuesday, June 29, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green.

Vice-President Tucker in the chair.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11748 to 11757, inclusive amounting to \$2,601.89.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, June 23, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In view of the fact that we are soon to begin work at Shaft 25, on the Harlem River Driveway, I would ask the Commissioners to re-establish the grade of "Inspector of Masonry." I know of one or two men, well recommended, who could be transferred from another department.

This is desirable, as, owing to the amount of work done at Jerome Park Reservoir and at the New Croton Dam, I cannot spare any of our Superintendents of Dam Construction.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That, in accordance with the request of the Chief Engineer, the grade of "Inspector of Masonry" on the New Aqueduct be and hereby is re-established from and after this date.

On motion of Commissioner Green, the same was adopted.

JUNE 29, 1897.]

78

The Committee also presented the following communication, received from the Chief Engineer:

NEW YORK, June 23, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—You authorized me some time ago to make some experiments at Titicus Dam for the easier working of the gates which are acting under very high pressure.

As the experiments made on one gate are satisfactory, I think it necessary to apply the same improvements to the other five.

When prices were asked for the first gate, a Boston firm, and also Skinner & Connolly, of Yonkers, gave the same prices, and the work was done by Skinner & Connolly, because they were near and the work could be watched as it was being done. For the five remaining gates, I think it advisable to have the work done by the same firm, as I consider it essential that our foreman should inspect the work closely as it is being done. This firm would do the work for the five remaining gates for one hundred and ninety dollars (\$190). This price is very reasonable, and I respectfully recommend that they be ordered to do the work.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Skinner & Connolly, of Yonkers, N. Y., be and hereby are ordered to do the work set forth in the above communication, at a price not to exceed the sum of one hundred and ninety dollars (\$190).

On motion of Commissioner Green, the same was adopted.

The Committee presented the following :

CITY OF NEW YORK,
FINANCE DEPARTMENT,
June 29, 1897. }

Gen. JAMES C. DUANE, President, Aqueduct Commission :

DEAR SIR—I transmit herewith, for your information, a letter which I have received from Mr. Henry T. Dykman, inclosing a statement showing the several amounts of the awards in the Jerome Park Second Separate Report.

Kindly return the letter and statement at your convenience.

Very truly yours,

ASHBEL P. FITCH, Comptroller.

WHITE PLAINS, N. Y.,
June 23, 1897. }

Hon. ASHBEL B. FITCH, Comptroller :

DEAR SIR—I send herewith a statement showing that the Jerome Park Reservoir Commissioners have completed their duties, with the exception of a few parcels shown on the map as streets. From this statement you will notice that the amount claimed against the City was \$1,370,895 ; the amount supported by sworn proof, \$1,213,041, and the awards \$843,063, making a reduction in favor of the City of \$369,978, the awards in question being about 69½ per cent. of the amount proven against us.

The amount claimed for the parcels covered by first and second reports was \$4,793,956; amount supported by sworn proof, \$4,127,188.94; amount awarded, \$2,690,121.71. The total awards in both reports being about 65 per cent. of the amount proven against us.

Yours respectfully,

H. T. DYKMAN.

—and recommend the adoption of the following preambles and resolution :

Whereas, The Comptroller, in a written communication addressed to the President of this Commission, dated June 29, 1897, has transmitted a statement received by him from H. T. Dykman, Esq., Special Counsel for the City of New York in condemnation proceedings for the acquisition of property for aqueduct purposes, which statement shows that the awards made by the Supreme Court Commission in the matter of the acquisition of property at Jerome Park for the construction of a reservoir, in a second separate report, amount to eight hundred and forty-three thousand and sixty-three dollars; and

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of twelve hundred thousand dollars (\$1,200,000) will be required to pay said awards and interest thereon, and also to defray other necessary and lawful expenditures of said Commissioners; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of two million dollars (\$2,000,000) upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883 of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green—4.

The Committee presented communications received from the Secretary, reporting that the following sums of money had been received from Division Engineer Wegmann, viz. :

\$242.05, being the net amount realized from sale at public auction, on June 17, 1897, of grass on those parcels of land on the Croton River Division of the New Aqueduct which have not been rented.

\$760.75, being net proceeds of sale at public auction, held on June 23, 1897, of buildings, etc., in Croton Falls, Westchester County, New York.

\$2,466.03, being net proceeds of sale at public auction, held on June 24, 1897, of buildings, etc., in Katonah, Westchester County, New York.

\$300, being proceeds of sale to A. B. Whitlock of certain material taken from old buildings in Croton Falls, Westchester County, New York.

\$1,407.25, being amount of rent collected for the month of June, 1897, on buildings on the Croton River Division of the New Aqueduct, which are owned by the City of New York and under the control of the Aqueduct Commissioners.

And stating that the above amounts had been duly transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipts therefor were on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Committee recommended the adoption of the following preambles and resolution :

Whereas, In the opinion of the Aqueduct Commissioners the duties now being performed by A. F. Pentz, Auditor of this Commission, are of such a character as to warrant an increase in the salary now being paid to him ; and

Whereas, The Secretary of this Commission has recommended that an increase of salary be given ; therefore.

Resolved, That the salary of A. F. Pentz, Auditor, be and hereby is fixed at the sum of two thousand dollars per annum, to take effect on and after July 1, 1897.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Tucker, Cannon and Greene—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, June 30, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, July 7, 1897, at 3 o'clock P. M.

Present.—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11759, amounting to \$38,014.89, and of bills contained in Vouchers Nos. 11760 to 11765, inclusive, amounting to \$114.54.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, July 14, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11767, amounting to \$63,063.03, and of bills contained in Vouchers Nos. 11768 to 11774, inclusive, amounting to \$285.69.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented forms of contract, specifications and bonds, received from the Commissioner of Public Works on July 14, 1897, to provide for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25, of the New Croton Aqueduct, in the City of New York, and recommended the adoption of the following resolutions :

Resolved, That the forms of contract, specifications and bonds, submitted by the Commissioner of Public Works on July 14, 1897, and approved by the Counsel to the Corporation "as to form," for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25, of the New Croton Aqueduct, in the City of New York, be and the same are hereby approved and adopted ; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and they are hereby directed to advertise in the CITY RECORD, "The Mail and Express" and "The Tribune," a notice and advertisement inviting sealed bids for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25, of the New Croton Aqueduct, in the City of New York, as provided in the contract and specifications this day approved and adopted by the Aqueduct Commissioners.

The same were adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Green—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, July 21, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11,779 to 11,788, inclusive, amounting to \$1,824.27.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended that the following resolution, adopted by the Aqueduct Commissioners on May 26, 1897, be rescinded :

“Resolved, That authority be and hereby is granted to the Chief Engineer to purchase a horse for use at Carmel, Putnam County, New York, at a cost not to exceed the sum of one hundred and fifty dollars (\$150).”

—and, in lieu thereof, recommended the adoption of the following resolution :

Resolved, That authority be and hereby is granted to the Chief Engineer to purchase a horse for use at Carmel, Putnam County, New York, at a cost not to exceed the sum of two hundred dollars (\$200).

On motion of Commissioner Tucker, the recommendation was approved and the resolution adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, July 20, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—We are to receive shortly the stone monuments ordered for the land taken for the New Croton Reservoir. They are to be delivered at the various depots, and we have to distribute them severally at the points where they are to be used.

For the portion of the work under the Croton River Division I have had three offers, as follows :

Horace Searles, \$0.75 per monument ; Henry N. Parent, \$0.73 per monument ; Louis W. Elliott, \$0.65 per monument.

The price of \$0.65 is low, and I have accepted Mr. L. W. Elliott's bid, subject to your approval.

Yours respectfully, A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in accepting the bid of L. W. Elliott to distribute stone monuments at the several points to mark the boundaries of land taken for the New Croton Reservoir on the Croton River Division of the New Aqueduct, at the price of sixty-five (65) cents per monument, as above set forth, be and hereby is approved.

On motion of Commissioner Green, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, July 20, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—As the additional work at the Auxiliary Dam in Carmel is drawing to a close, it is desirable that the permanent fences should be erected on the top of it.

I propose to erect wooden posts, finished on the lathe, placed eight (8) feet apart, united by two (2) rails of 2-inch gas-pipe.

As we have on the ground a force of laborers, with an efficient foreman, I believe it would be to the interest of the City to buy the posts and the pipes separately, and to do the placing and painting by day labor.

If you approve of this suggestion, I would ask you to authorize me to ask bids for the posts and pipes separately. The cost of the two will not exceed \$750, and an appropriation to that effect is respectfully requested.

Yours respectfully, A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That authority be and hereby is granted to the Chief Engineer to procure the posts and pipes needed to erect permanent fences on top of the Auxiliary Dam at Carmel, Putnam County, N. Y., at a cost not to exceed the sum of seven hundred and fifty dollars (\$750), and he is hereby authorized to have the above-mentioned work done by day labor, as set forth in the above communication.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Chief Engineer of this Commission has notified this Committee, in writing, that certain former owners of land which has been acquired for the construction of the New Croton Reservoir, have refused to pay rent for the buildings formerly owned and now occupied by them, and have also refused to sign an agreement to the effect that the rental of the buildings now occupied by them shall be deducted from their awards when made, and has recommended that immediate steps be taken to dispossess said tenants ; therefore, be it

Resolved, That the recommendation of the Chief Engineer be and hereby is approved, and he is hereby instructed to request Mr. H. T. Dykman, Special Counsel for the City of New York in the matter of the acquisition of lands for aqueduct purposes, to begin forthwith dispossess pro-

ceedings against the parties named in the letter of the Chief Engineer, above referred to, who have refused either to pay rent for the buildings now occupied by them or to agree that the same shall be deducted from their awards when made.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$277.92 had been received from Division Engineer Charles S. Gowen, being the proceeds of rent for the month of July, 1897, collected on buildings on the New Croton Dam Division of the New Aqueduct, said buildings being the property of the City of New York, and under the control of the Aqueduct Commissioners, and stating that said amount had been duly transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved.

The Committee also presented the following :

NEW YORK CITY CIVIL SERVICE COMMISSION, NEW YORK, July 16, 1897.

EDWARD L. ALLEN, Esq., *Secretary, Aqueduct Commission*, No. 280 Broadway, New York, N. Y.:

DEAR SIR—Replying to your communication of July 1, requesting this Commission to classify the position of Inspector of Masonry, I would inform you that on July 12 the Commission recommended to the Mayor the classification of said position, and that the action of the Commission was approved by the Acting Mayor on July 16, 1897.

I inclose herewith duplicate of the classification.

Respectfully, S. WILLIAM BRISCOE, Secretary.

At a meeting of the New York City Civil Service Commission held July 12, 1897, it was

Resolved, That this Commission recommend to the Mayor that Schedule D of the classification of positions of the Aqueduct Commission be amended by adding thereto "Inspector of Masonry."

The foregoing resolution is hereby approved.

JOHN JEROLOMAN, Acting Mayor.

NEW YORK, July 16, 1897.

On motion of Commissioner Tucker, the same were ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, July 28, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Duane, Cannon and Green.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11792 to 11802, inclusive, amounting to \$600.93.

On motion of Commissioner Green, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing George A. Hammond for one day's work as first helper on the diamond drills at the New Croton Dam, at a compensation of seventy-five dollars per month, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That William Oakley and Arthur J. Matthews be and hereby are appointed laborers, at a compensation of two dollars per day, to assist in placing stone monuments in the upper part of the New Croton Reservoir, they having been certified by the Civil Service Commission as being eligible for such appointment ; their salary to commence on the date of their assignment to duty.

On motion of Commissioner Green, the same was adopted.

The Committee reported that at their meeting, held this day, the following resolution was adopted, and asked approval of such action :

Resolved, That the bid-box be closed and the keys given to the President, and that the Secretary be authorized by this Commission to receive the bids for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, as called for in the approved forms of contract and specifica-

tions on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders and to make the necessary preparations for opening the bids received for doing said work under the law.

On motion of Commissioner Green, the action of the Committee was approved.

The Committee also recommended the adoption of the following resolution :

Resolved, That the resolution adopted by the Aqueduct Commissioners, June 16, 1897, approving and ordering certified to the Comptroller for payment the bill of Coleman, Ryan & Brown, Contractors for the construction of the New Croton Dam, for expenses for grouting the foundation of said dam, amounting to two thousand four hundred and thirty-two dollars and forty-seven cents (\$2,432.47), be and hereby is amended so as to read two thousand four hundred and thirty-two dollars and thirteen cents (\$2,432.13).

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication received from the Assistant to the Secretary, reporting that the sum of \$1,361.50 had been received from Division Engineer Wegmann, being the amount of rents collected for the month of July, 1897, on buildings on the Croton river division of the New Aqueduct, which buildings are owned by the City of New York and under the control of the Aqueduct Commissioners; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Assistant to the Secretary was approved.

The Assistant to the Secretary presented abstract of trial balance, showing the expenditures of the Aqueduct Commission from its inception to July 1, 1897.

On motion of Commissioner Green, the same was received and ordered spread upon the minutes, as follows :

Abstract of Trial Balance, June 30, 1897.

<i>Commissioners' Office.</i>		
Salaries of Commissioners.....	\$314,601 90	
Salaries of Secretary and employees.....	136,899 12	
Stationery.....	5,147 90	
Furniture and fixtures.....	3,432 26	
Rent.....	58,017 40	
Incidental expenses.....	9,809 41	
Books, maps and drawings.....	769 05	
Traveling expenses.....	2,872 39	
Advertising.....	33,321 39	
Stenographic reports.....	4,345 89	
		\$619,216 71

<i>Chief Engineer's Office.</i>		
Salaries of Engineers, etc.....	\$594,184 77	
Stationery.....	7,811 83	
Furniture and fixtures.....	4,657 69	
Rent.....	68,536 35	
Incidental expenses.....	9,551 52	
Books, maps and drawings.....	24,320 25	
Consulting Engineer's fees.....	100 00	
Drawing instruments, tables and materials.....	4,928 84	
Testing machines and tests.....	8,215 31	
		\$722,307 16
<i>Tarrytown Office.</i>		
Salaries of Engineers.....	\$57,692 24	
Stationery.....	1,180 41	
Furniture and fixtures.....	750 25	
Rent.....	6,600 00	
Incidental expenses.....	4,227 91	
Books, maps and drawings.....	92 81	
Drawing instruments, tables and materials.....	1,127 78	
Laborers on the line.....	2,703 17	
Drivers and Laborers.....	19,989 03	
* Field instruments and implements.....	8,791 99	
Traveling expenses.....	4,094 53	
Harness and stable fittings.....	2,051 20	
Maintenance—Horses and wagons.....	11,122 82	
Horses.....	3,573 00	
Wagons.....	1,518 00	
Hire of horses and wagons.....	2,947 25	
		128,462 39
<i>Division Engineers.</i>		
Salaries of Engineers and Laborers, old account.....	\$154,834 84	
Salaries of Engineers and Laborers, new account.....	1,876,585 07	
Stationery.....	8,305 17	
Furniture and fixtures.....	5,998 49	
Rent.....	27,070 63	
Incidental expenses.....	24,642 24	
Books, maps and drawings.....	683 44	
Drawing instruments, tables and materials.....	3,989 50	
Field instruments and implements.....	19,354 68	
Traveling expenses.....	10,792 00	
Harness and stable fittings.....	2,713 19	
Maintenance—Horses, wagons and harness.....	23,133 99	

Horses.....	\$3,915 00	
Wagons	2,925 40	
Heating headquarters	13,925 30	
Hire of horses and wagons.....	3,138 35	
Testing machines and tests.....	3,440 04	
Laborers on the line.....	15 75	
Auxiliary offices.....	4,127 12	\$2,189,650 20
<i>Croton Lake Survey.</i>		
Salaries of Engineers and Laborers.....	\$39,620 04	
Incidental expenses.....	17 34	
Field instruments and implements.....	583 16	
Traveling expenses.....	340 92	
Hire of horses and wagons.....	130 25	
Maintenance—Horses and wagons.....	51 60	
Rent.....	24 00	
Harness and stable fittings.....	45	
Drawing instruments, tables and materials.....	1 00	40,768 76
<i>New Reservoir Survey.</i>		
Salaries—Engineers and Laborers	\$9,588 00	
Drawing instruments, tables and materials.....	25 68	
Field instruments and implements.....	434 31	
Furniture and fixtures.....	6 38	
Traveling expenses.....	8 54	
Stationery.....	3 91	
Incidental expenses.....	52 06	10,118 88
<i>Sodom Dam Survey.</i>		
Salaries—Engineers and Laborers.....	\$7,072 68	
Maintenance—Horses and wagons.....	2 00	
Field instruments and implements.....	86 49	
Hire of horses and wagons ./.	50 75	
Incidental expenses.....	44 98	
Stationery	1 50	
Traveling expenses.....	47 10	7,305 50
<i>Surveying Dam Sites.</i>		
Salaries of Engineers and Laborers	\$36,402 76	
Stationery.....	33 30	
Hire of horses and wagons	102 00	
Field instruments and implements	114 42	
Heating headquarters	6 93	

Furniture and fixtures.....	\$37 50	
Traveling expenses.....	930 16	
Drawing instruments, tables and materials.....	7 80	
Incidental expenses.....	953 73	
Maintenance—Horses and wagons.....	793 95	
Rent.....	815 70	
Books, maps and drawings.....	8 00	\$40,206 25
<i>Principal Assistant Engineer, New York Office.</i>		
Heating headquarters.....	\$9 25	
Stationery.....	59 06	
Furniture and fixtures.....	36 24	
Incidental expenses.....	53 36	
Aqueduct Commissioners' Report, 1883-1887.....	\$8,901 51	157 91
Aqueduct Commissioners' Report, 1887-1895.....	5,011 13	
Engraving and printing.....	29,687 80	
Reports of Engineers and Aqueduct Commissioners on Quaker Bridge Dam.....	1,473 16	
Reports of Engineers on High Masonry Dam.....	490 75	
Construction damages.....	699 50	
Claims for damages.....	2,438 50	
Taxes on lands.....	34,681 58	
Land agents.....	1,168 65	
Diamond rock-boring drills.....	158,669 75	
Diamond rock borings.....	7,096 17	
Monumenting the line.....	3,712 98	
Monumenting Sodom Dam Survey.....	1,546 72	
Monumenting Aqueduct Tunnel—Division Engineer.....	143 72	
Models.....	1,355 43	
Observatory towers.....	1,805 95	
Judgments.....	39,915 23	
Land and land damages.....	70,878 07	
Examination of ventilation and lighting.....	1,306 36	
Examining Engineers.....	11,041 82	
Board of Experts, etc., Quaker Bridge Dam.....	12,550 00	
Experts examining construction work.....	11,926 16	
Experts on water-gates and other machinery.....	210 00	
Inspection of cast-iron pipes, etc.....	8,414 30	
East Branch Reservoir, incidental expenses.....	165 00	
Abating nuisances in the Croton Water Shed.....	12,927 58	
Monumenting Brewster Reservoir.....	393 00	478,610 82

<i>Contracts.</i>			
	ESTI- MATE.	CONTRACTOR.	
Section 1.....	Final.	Smith & Brown.....	\$649,964 62
" 2.....	"	Brown, Howard & Co.....	2,493,664 38
" 3.....	"	"	1,838,247 04
" 4.....	"	"	1,807,819 50
" 5.....	"	"	812,370 91
" 6.....	"	O'Brien & Clark.....	748,852 97
" 7.....	"	"	1,783,419 68
" 8.....	"	"	1,457,678 22
" 9.....	"	"	1,924,161 07
" B	"	Heman Clark.....	1,516,572 46
" A	"	"	1,105,840 58
" 12.....	"	{ Chas. Peterson, assignee of O'Brien & Clark	140,182 91
" 12 .....	....	O'Brien & Clark.....	401,740 13
" 13.....	Final.	John Brunton & Co.....	427,641 42
" 14.....	"	"	647,869 75
" 15.....	"	Richard A. Malone.....	156,358 20
" 15½.....	"	Robert Hanna & Co.....	27,416 82
" 16.....	"	O'Brien & Clark.....	1,013,220 54
" 17.....	"	Richard J. Malone.....	37,621 69
East Branch Reservoir Dam.....	"	Sullivan, Rider & Dougherty.....	436,499 05
Dams 1 and 2, and adjacent tunnel...	"	David R. Paige & Co.....	319,798 04
Deepening and finishing Shaft No. 24.	"	O'Brien & Clark.....	91,904 59
Iron-lined masonry Aqueduct, near Shaft 30.....	"	Breuchaud, Pennell & Co.....	69,369 20
Stop-cock valves, etc., on Section 15..	"	Coldwell, Wilcox & Co.....	19,649 53
Gate-house superstructure, etc., at Pocantico.....	"	John Peirce.....	21,717 92
Shaft 13A, Section 7.....	"	O'Brien & Clark.....	22,963 40
" 13½, " 7.....	"	"	18,093 69
" 15½, " 7.....	"	John A. Lee.....	15,412 90
One Hundred and Thirty-fifth Street Gate-house doors, win- dows, etc., Section 15.....	"	Charles W. Palmer.....	6,935 00
Cast-iron work, wrought-iron work, etc., New Croton Gate-house, Section 1.....	"	Coldwell-Wilcox Co.....	16,057 02
Highways or roads, etc., at East Branch and Bog Brook Reser- voirs.....	"	Clinton Stephens.....	90,851 69
Gate-house superstructure walls for blow-off chamber at Ards- ley, Section 7.....	"	O'Brien & Clark.....	4,900 00
Cutting timber and clearing grounds, East Branch and Bog Brook Reservoirs.....	"	Pennell & O'Hern.....	8,975 00
22 2' x 5' sluice-gates, etc., Sections 15 and 17.....	"	John Fox.....	14,190 00

	ESTI- MATE.	CONTRACTOR.	
3' x 4' sluice-gates, etc., Pocantico, Ardsley and South Yonkers Gate-houses, Sections 4, 7 and 9	Final.	John Fox.....	\$6,750 00
3' x 6' sluice-gates, etc., New Croton Gate-house, Section 1..	"	"	21,900 00
Earth and masonry dam, Reservoir "M," on Titicus river, near Purdy's Station.....	"	Washburn, Shaler & Washburn.	970,329 11
Gate-house superstructure at South Yonkers, Section 9.....	"	O'Brien & Clark.....	20,349 79
Gate-house superstructure, etc., for new gate chambers at Croton Dam, Section 1.....	"	Smith, Brown & Coleman.....	51,783 01
Combined stationary hoisting engines, etc., for Shaft 25, Section 12	"	Charles Peterson.....	11,250 00
Two pairs horizontal tubular boilers, etc., Shaft 25, Section 12.....	"	West Point Manufacturing Company..	11,900 00
Earth and masonry dam, Reservoir "D"	"	Michael S. Coleman	127,039 74
Earth and masonry dam, Reservoir "D"	"	{ Coleman and Washburn and Washburn, assignees of Michael S. Coleman.	276,201 90
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	"	Michael S. Coleman.....	57,480 99
Auxiliary earth and masonry dam, near Craft's Station, Reservoir "D"	"	{ Coleman and Washburn and Washburn, assignees of Michael S. Coleman	98,614 59
Eleven head-house superstructures, etc., for the shafts.....	"	Breuchaud, Pennell & Co.....	40,251 28
Blow-off Shaft 24, Section A.....	"	John M. Waddle.....	1,644 91
" 24, " A.....	"	{ John F. Gaynor, assignee of John M. Waddle	19,557 43
" 24, " A.....	"	{ New York Central and Hudson River Railroad Company.....	491 84
Two complete portable hoisting plants	"	West Point Manufacturing Company..	7,800 00
Highway, retaining-walls, appurtenances, etc., Croton Dam....	"	Augustine M. Newton.....	16,717 09
Grading, improving and fencing grounds, One Hundred and Thirty-fifth Street Gate-house.	"	Peter J. Moran.....	9,564 77
Grading, improving and fencing grounds at several of the shafts	"	Hyman Levy and Thomas Quinn.....	22,374 14
Head-house and engine-room Shaft 25, Section 12, superstructure, etc.....	"	John Peirce, assignee of W. H. Baker.	43,605 80
Two brick engine-houses for portable hoisting plants.....	"	John Twiname.....	9,546 00
New Croton Dam.....	"	James S. Coleman.....	660,104 90
"	56	{ Coleman, Ryan & Brown, assignees of James S. Coleman	842,498 24
Fencing boundary for East Branch Reservoir.....	Final.	John E. Brooks.....	10,647 73
Highways or roads and appurtenances at Reservoir "D".....	"	Peter J. Moran	3,083 52
Highways or roads and appurtenances at Reservoir "D".....	"	{ John Flanagan, assignee of Peter J. Moran.....	96,481 11
Highways or roads and appurtenances at Reservoir "M".....	"	John Twiname.....	66,866 83
Highways or roads and appurtenances at Reservoir "D".....	"	John Flanagan & Son.....	128,643 92
Highways or roads and appurtenances at Reservoir "D".....	"	William E. Nolan.....	2,051 17
Six sluice-gates with hoisting apparatus, Gate-house, Titicus Dam	"	Coldwell-Wilcox Co.....	4,479 00
New highways, etc., Lines 1 and 4..	"	John Twiname.....	20,248 01
Jerome Park Reservoir.....	21	John B. McDonald.....	430,858 35

	ESTI- MATE.	CONTRACTOR.		
Highways or roads, etc., crossing East Branch, Reservoir "D".....	Final.	Patrick F. Curran.....	\$12,648	26
Fences and their appurtenances at Reservoir "M".....	"	William Gilmore.....	3,979	17
Fences and their appurtenances at Reservoir "D".....	"	Patrick F. Curran.....	4,025	08
Excavating a tunnel and construct- ing a masonry drain at Jerome Park Reservoir.....	6	Clark & Co.....	3,441	33
Total contracts.....	.....	.....		\$24,273.168 93

Agreements.

	ESTI- MATE.	CONTRACTOR.		
Shaft 11C, Section 5.....	Final.	Brown, Howard & Co.....	\$5,000	00
" 12C, " 6.....	"	O'Brien & Clark.....	5,000	00
" 16½, " 8.....	"	"	5,000	00
" 18½, " 9.....	"	"	5,000	00
" 19½, " B.....	"	Heman Clark.....	5,000	00
" 17½, " 8.....	"	Thomas O'Hern.....	2,222	12
Culvert at Shaft 19, Section 9.....	"	O'Brien & Clark.....	4,893	74
" 20, " B.....	"	Heman Clark.....	2,932	05
" 23, " A.....	"	O'Brien & Clark.....	3,208	86
Crib dock, near Shaft 25, Section 12..	"	Charles Peterson.....	3,694	60
Ironwork—For Saw Mill River Blow-off, etc., Section 7.....	"	Coldwell, Wilcox & Co.....	1,962	57
Ironwork—For Pocantico Blow-off, etc., Section 4.....	"	"	144	11
Ironwork—For Tibbett's Brook Blow-off, etc., Section 9.....	"	"	144	11
Ironwork—For lining Shafts 22 to 24, Section A.....	"	"	3,463	43
Ironwork—For lining Shaft 20, Sec- tion B.....	"	"	2,663	28
Ironwork—For lining Shaft 28, Sec- tion 13.....	"	"	2,315	02
Ironwork—For lining Shaft 29, Sec- tion 14.....	"	"	2,358	57
Cast and wrought iron ladders for shafts, Sections 1 to 9 and B and A.....	"	"	2,824	25
Roof, iron floor plates, etc., at Ardley Gate-house, Section 7.....	"	"	3,326	70
Cast-iron special pipe lining and manhole covers, etc., Shaft 24, Section A.....	"	"	4,931	19
Filling low ground, Shaft Site No. 12, Section 6.....	"	O'Brien & Clark.....	4,910	00
Cave-in, Shaft 13, Section 7.....	"	"	5,000	00
Laying 20" pipe along the incline adjacent to Shaft 24, Section A.....	"	"	2,895	83
Grouting near Shaft 17½, on Section 8.....	"	"	4,427	50
Grouting, Stations 778+00 and 779+30, Section 7.....	"	"	1,075	00
Grouting on Section 13.....	"	Rogers, Shanly & Co.....	5,000	00

	ESTI- MATE.	CONTRACTOR.	
Grouting near Shaft 30.....	Final.	Breuchaud, Pennell & Co.....	\$2,900 93
Lining Shaft 24, Section A.....	"	McNeil Pipe and Foundry Co.....	987 32
Highway, trestle-work and bridges at Croton Dam, Section 1.....	"	Smith & Brown.....	4,500 00
Sodding the South Yonkers embank- ment on Section 9.....	"	Rider & Dougherty.....	2,575 57
Taking down and enlarging top of Shaft 11C, Section 5.....	"	C. L. Kalmbach.....	2,917 22
Walls, foundations, etc., near blow- off chamber, Shaft 25, Section 25	"	Charles Peterson.....	2,233 12
Frame head-house and engine-room at Shaft 25, Section 25.....	"	"	2,690 00
Frame boiler-house and coal-bin at Shaft 25, Section 25.....	"	"	2,675 00
9" anti-friction pump and improved turbine wheel, etc., Croton Dam Gate-house, Section 1.....	"	Joseph Edwards & Co.....	2,135 00
6' x 5' sluice-gates at Bog Brook and Sodom Dams.....	"	John Fox.....	4,000 00
Pivot gate, Bog Brook Dams 1 and 2.	"	Coldwell, Wilcox & Co.....	2,445 00
Finishing Shaft 21.....	"	William H. Baker.....	1,660 81
Fence at Shaft 24.....	"	Francis V. Smith.....	865 24
Sodding, sowing and seeding slope and adjacent grounds, Shaft 24.....	"	John Twinnam.....	900 90
2' x 10' sluice-gates at Bog Brook Tunnel Gate-house.....	"	John Fox.....	2,750 00
Two-story and attic frame office building.....	"	John Schlachter.....	4,650 00
Bridge across Saw Mill river, near Shaft 12.....	"	Daniel Carpenter.....	825 50
Cutting timber and clearing grounds at Reservoir "M," Purdy's Station.....	"	John L. Merritt.....	2,446 00
Highway Bridge at Salem Centre, Reservoir "M".....	"	Berlin Iron Bridge Co.....	673 00
Highway Bridge at Carmel, N. V.....	"	"	2,122 00
Clearing grounds at Reservoir "M," near Purdy's Station, N. Y.....	"	William Gilmore.....	1,150 00
Furnishing cast-iron pipe—special castings, etc.....	"	Coldwell-Wilcox Co.....	1,224 67
Cutting timber and clearing grounds at Reservoir "D".....	"	John Flanagan.....	3,800 00
Furnishing screens, hoisting appa- ratus, New Croton Dam Gate- house.....	"	Coldwell-Wilcox Co.....	3,550 00
Highway Bridge at Cole's Mills, N. Y.	"	Berlin Iron Bridge Co.....	1,390 00
Three metal sluice gates in Gate- houses of Main and Auxiliary Dam, Reservoir "D".....	"	John Fox.....	2,680 00
Two metal sluice gates, etc., Gate- house of Main Dam, Reservoir "D".....	"	Coldwell-Wilcox Co.....	1,499 00
Three sets of iron trolley beams, etc., for gate-houses of Carmel and Purdy's Dams.....	"	William H. Brodie & Co.....	1,485 00
Total agreements.....			\$754,286 31
Bailing, pumping and taking care of water on Section A.....			\$2,669 73
Pumping water in iron pipes, Section 12.....			4,263 65
Pumping water in iron pipes, Section 13.....			5,405 00
Pumping water in iron pipes, Section 14.....			7,995 00
Iron pipe laid in tunnel, Section A.....			4,605 76

Iron pipe laid in tunnel, Section B	\$980 50	
48-inch pipes at Shaft 11B.....	327 50	
48-inch stop-cock valves	4,500 00	
Ironwork, etc.—		
At shafts	26,017 44	
For gate-houses and blow-offs	23,383 27	
For dams.....	13,475 48	
Timber work, etc., at shafts and gate-houses.....	20,570 60	
Explorations under the Harlem river	4,384 26	
Experimental section in concrete, at Shaft 18.....	185 25	
Extra work, etc., on Section 1	4,616 03	
Extra work, etc., on Section 6	42 70	
Extra work, etc., on Section 12.....	171 35	
Extra work, etc., on Section 14	696 21	
Extra work, etc., on Section 15.....	89 32	
Extra work, etc., on Section 16	668 98	
Extra work, etc., enlarging Shaft 11C.....	147 81	
Extra work, etc., on the Pocantico Gate-house.....	287 44	
Extra work, etc., on the eleven head-houses	325 64	
Extra work, etc., grading, improving and fencing grounds, One Hundred and Thirty- fifth Street Gate-house	256 73	
Extra work, etc., on Dams Nos. 1 and 2.....	444 31	
Extra work, etc., on blow-off, etc., Shaft 24	615 24	
Extra work, etc., repairing roof, New Croton Gate-house.....	111 82	
Extra work, etc., head-house, Shaft 25	328 13	
Extra work, etc., Purdy's Dam.....	282 99	
Extra work, etc., grading, improving and fencing grounds at several of the shafts.....	749 01	
Extra work, etc., on two-story and attic frame office building, New Croton Dam.....	233 45	
Extra work, etc., on gate-house superstructure at Croton Dam	288 20	
Extra work, etc., on Carmel Dams.....	732 22	
Additional work, Section 9	\$49 37	\$130,601 02
Additional work, Section 12.....	65 73	
Additional work, Section A	1,609 56	
Additional work, East Branch Reservoir Dam.....	2,250 08	
Additional work, Dams Nos. 1 and 2 on Bog Brook.....	480 06	
Additional work, earth and masonry dam, Reservoir "M"	1,339 53	
Additional work, highways or roads, etc., at East Branch and Bog Brook Reservoirs	3,095 00	
Additional work, Shaft 21.....	95 85	
Additional work, two brick engine-houses.....	911 75	
Additional work, iron-lined masonry, Aqueduct, near Shaft 30.....	2,000 00	
Additional work, grubbing and clearing grounds, Shaft 24.....	40 76	

Additional work, Shafis Nos. 15½ and 16.....	\$43 50	
Additional work, construction of New Croton Dam Gate-house.....	2,384 41	
Additional work, Reservoir "D".....	3,107 80	
Additional work, new highways, etc., New Croton Reservoir.....	1,641 19	\$19,114 53
Removing solid rock in Harlem river, near Shaft 25.....	\$701 03	
Grading, etc., trenches, Quaker Bridge Dam site.....	150 00	
Grading and finishing the grounds adjacent Shaft 19½.....	125 00	
Surveys and topographical map, Croton Water Shed.....	7,000 00	
Soundings south of One Hundred and Thirty-fifth street.....	931 18	
Sinking Test Pits—		
Titicus river and Reservoir "D" dam sites.....	540 35	
Cornell Dam sites.....	63 56	
Hoisting-engines for shafts.....	1,700 00	
Coating interior of Aqueduct with cement.....	8,384 37	
Telephone line.....	4,995 62	
Preparing, pumping, etc., inverted siphon sections.....	2,643 91	
Preparing the Aqueduct for permanent use.....	211 66	
Iron bridge on the East Branch of the Croton river.....	2,145 00	
Fencing around reservoirs, shaft-sites, etc.....	2,020 43	
Drain in One Hundred and Sixty-seventh street and Amsterdam avenue.....	906 00	
Repairs, Janitor's house, New Croton Dam.....	109 96	
Furnishing cast-iron pipes, special castings, etc.....	3,873 70	
12-inch cast-iron water pipes, water supply, Sing Sing, N. Y., Prison.....	1,419 93	
Filling excavations, etc., about Reservoir "M".....	831 68	
Resurfacing portions of new roads, Reservoir "M".....	695 49	
Placing cast-iron pipes and building rubble stone masonry to support same, Shaft 25.....	896 24	
Transfer or maintenance of Highways.....	373 50	
Constructing culvert at Katonah, N. Y.....	1,750 00	
Extra Work, Jerome Park Reservoir.....	755 97	
Extra work, New Croton Dam.....	3,244 83	
Maintenance of shafts, gate-houses, head-houses, etc.....	14 00	46,483 42
<i>Commissioners of Appraisal—Awards.</i>		
Twenty-fourth Ward.....	\$2,185,320 59	
Manhattan Island Section.....	802,230 93	
Westchester County.....	937,371 38	
Putnam County Section.....	504,249 50	4,429,672 40
<i>Commissioners of Appraisal.</i>		
City and County of New York.....	\$201,823 80	
Westchester County.....	717,153 96	

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at the Office of the Mayor, City Hall, on Monday, August 2, 1897, at 1.30 o'clock P. M.

Present—The Mayor, the Commissioner of Public Works and Commissioners Duane, Cannon and Green ; also Deputy and Acting Comptroller William J. Lyon.

The Commissioners had under consideration a communication received from Coleman, Ryan & Brown, assignees of James S. Coleman, contractor for the construction of the New Croton Dam at Cornell Site, on Croton river, in the Town of Cortlandt, Westchester County, New York, dated July 20, 1897, stating that an assignment of the contract for building said dam had been assigned by them to the firm of Coleman, Breuchaud & McMullen, consisting of James S. Coleman, Jules Breuchaud and Arthur McMullen, and asking approval of such assignment.

The communication was read, and discussion thereon took place.

Whereupon, Commissioner Cannon moved that the Commissioners decline to approve of the assignment as presented.

The President called the attention of the Commissioners to an opinion rendered in March, 1885, by E. Henry Lacombe, then Counsel to the Corporation, to the effect that the act creating the Aqueduct Commission makes no provision for the substitution of any officer in case of the absence of either of the officers designated as commissioners therein, and that no other than the officers' names in said act should be intrusted with the performance of the duties therein defined.

Deputy and Acting Comptroller Lyon, however, asked to have his vote recorded ; and, in the absence of any formal objection thereto, this permission was granted.

The motion was then put, and adopted by the following vote :

In the Affirmative—The Mayor, the Commissioner of Public Works, and Commissioners Duane, Cannon and Green—5.

In the Negative—Deputy and Acting Comptroller William J. Lyon—1.

On motion of the Commissioner of Public Works, the Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, August 4, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

Pursuant to the following notice, published daily for fifteen consecutive days, commencing with July 17, 1897, in the CITY RECORD, the "Mail and Express" and "New York Tribune," bids were received for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York :

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, NO. 280 BROADWAY,
NEW YORK, July 17, 1897.

TO CONTRACTORS.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, will be received at this office until Wednesday, August 4, 1897, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds, and all other information, can be obtained at the above office of the Aqueduct Commissioners on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids received for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, upon which the required deposits had been made, were then opened and read aloud by the Secretary :

1. Thomas Dwyer.....	\$28,135 00
2. P. J. Moran.....	17,885 00
3. Joseph di Benedetto.....	18,867 00
4. William John Rodgers.....	22,670 00
5. James J. Coughlan..	25,882 75
6. John Twiname.....	<u>18,985 00</u>

Whereupon, On motion of Commissioner Green, the following preamble and resolution were adopted :

Whereas. Bids for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, having been received and publicly opened and read ; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated, and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held this day, for consideration and canvassing by them, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination, and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Cannon, a recess was then taken.

Upon resuming the meeting there were present Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, July 30, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In accordance with your resolution of July 21, authorizing me to purchase fence-posts for the Auxiliary Dam in Carmel, I wrote to the following firms asking for bids :

Church E. Gates & Co., New York.	Lawrence Bros., Yonkers, N. Y.
Wilson, Adams & Co., New York.	Bradley & Currier Co., New York.
H. E. Stevens & Son, New York.	Yellow Pine Company, New York.

The Bradley & Currier Co. and Wilson, Adams & Co. declined to bid. Messrs. H. E. Stevens & Son did not send any bid.

The bids received are as follows :

Yellow Pine Company.....	\$2.90 per post.
Lawrence Bros.....	2.00 "
Church E. Gates & Co.....	<u>1.15 "</u>

The bid of Messrs. Church E. Gates & Co. being the lowest and quite favorable, I have ordered them to proceed with the work.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in ordering from Church E. Gates & Company the posts needed to erect permanent fences for the Auxiliary Dam at Carmel, Putnam County, N. Y., at their bid of one dollar and fifteen cents (\$1.15) per post, said bid being the lowest received, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communication received from the Chief Engineer :

NEW YORK, August 4, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In accordance with your resolution of July 21, authorizing me to purchase iron railing for the proposed fence on the Auxiliary Dam at Carmel, I have to report that the Purchasing Agent has asked prices from the following firms :

Edward F. Keating, No. 82 Centre street, New York.

McNab & Harlin Manufacturing Company, No. 56 John street, New York.

Nason Manufacturing Company, No. 71 Beekman street, New York.

John Simmons Company, No. 106 Centre street, New York.

T. N. Motley & Company, No. 49 John street, New York.

The McNab & Harlin Manufacturing Company have declined to bid. The John Simmons Company have not sent any bid.

Edward F. Keating offers to furnish the iron for \$145, corresponding to a price of 4.9186 cents per foot.

The Nason Manufacturing Company's price is 5¾ cents per foot.

T. N. Motley & Company's price is \$175, corresponding to a price of 5.936 cents per foot.

I propose to purchase the iron railing from Edward F. Keating, whose bid is very reasonable and the lowest.

Bids returned herewith.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to purchase from Edward F. Keating, the lowest bidder, the iron railing required for the proposed fence on the Auxiliary Dam at Carmel, Putnam County, N. Y., at his offer of one hundred and forty-five dollars (\$145), corresponding to a price of 4.9186 cents per foot, as above set forth.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, at the request of the Chief Engineer, Thomas Curry is hereby appointed an Inspector of Masonry in the Engineer Corps, his pay to be fixed at the rate of four dollars per day, to commence when assigned to duty by the Chief Engineer.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following bills for taxes are hereby approved and ordered certified to the Comptroller for payment, viz. :

Town of Cortlandt (returned in 1896).....	\$65 56
Town of Cortlandt, 1896.....	70 28
Town of Yorktown, 1896.....	81 96
Town of Yorktown, Road Tax	8 00

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That Peter A. Murray be and hereby is appointed Cement Worker in the Engineer Corps of the Aqueduct Commissioners, at a compensation of two dollars per day, he having been certified by the Civil Service Commission as eligible for such appointment, his pay to begin when assigned to duty by the Chief Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication received from the Chief Engineer :

NEW YORK, August 4, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—I submit herewith the detailed Engineer's estimate of the cost of the work for constructing retaining masonry and other masonry, etc., near Shaft 25, bids for which are to be opened to-day, the total being \$20,630.

Yours respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Green, the same was ordered spread upon the minutes and filed.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11,804, amounting to \$52,875.39, and of bills contained in Vouchers Nos. 11,805 to 11,813, inclusive, amounting to \$330.58.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, August 11, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, August 18, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Committee of Finance and Audit submitted the following :

The Committee of Finance and Audit report that they have examined the bids and checks received August 4, 1897, for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York.

The checks, amounting to \$6,000, were correct, and were transmitted to the Comptroller, whose receipt therefor is on file.

The sureties proposed by the bidders appear to be sufficient.

On motion of Commissioner Tucker, the same was ordered filed.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, August 16, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—In accordance with your request of August 4, I beg to submit the result of the canvass of all the bids presented for the construction of "retaining masonry and other masonry near Shaft No. 25."

Six (6) bids were presented as follows :

Name of Bidder.	Amount of Bid.
P. J. Moran	\$17,885 00
Joseph di Benedetto	18,867 00
John Twiname	18,985 00
William J. Rodgers	22,670 00
James J. Coughlan	25,882 75
Thomas Dwyer	28,135 00

The Engineer's estimate, as already reported, was \$20,630. I send herewith a complete tabulation of all the bids.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the contract for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, be and hereby is awarded to John Twiname at his bid of eighteen thousand nine hundred and eighty-five dollars (\$18,985), it being less than the estimate of the Chief Engineer.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Duane, Tucker and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer, in assigning Peter W. Remsen to duty as a Laborer, at two dollars per day, on the Croton River Division of the New Aqueduct, on August 16, 1897, he having been certified by the Civil Service Commission as eligible for such employment, be and hereby is approved.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That that part of the resolution adopted by the Aqueduct Commissioners on July 28, 1897, appointing Arthur J. Matthews as Laborer, to assist in placing stone monuments in the upper part of the New Croton Reservoir, at a compensation of two dollars per day, be and hereby is rescinded, he having failed to report for assignment to duty.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of George W. Whitman for inspecting, at the foundry, cast-iron pipe for use at the Jerome Park Reservoir, amounting to seventy-five dollars, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Aqueduct Commissioners have considered the proposition, made to them in writing, dated August 3, 1897, by the firm of Clark & Co., contractors, for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, near Sedgwick avenue, in the Twenty-fourth Ward of the City of New York, requesting that an allowance be made to them on account of the alleged unforeseen difficulties arising in the execution of the work under their contract ; therefore,

Resolved, That, in the opinion of the Aqueduct Commissioners, no such claim can be allowed, and that the firm of Clark & Co. be informed of this decision, and be notified that their contract will be canceled and the Aqueduct Commissioners will proceed to readvertise the work and relet the contract, unless, within one week from the date of this meeting, the Commissioners receive from said firm good evidence of their intention and ability to proceed forthwith upon said work under the terms of the contract.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the accompanying bill for taxes for the year 1896, on property taken in fee by the City of New York, in the Town of Cortlandt, Westchester County, N. Y., amounting to five dollars and eight cents (\$5.08), be and hereby is approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for road taxes for the year 1897, on property taken in fee by the City of New York, in the Town of Yorktown, Westchester County, N. Y., amounting to nine dollars (\$9), be and hereby is approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee of Finance and Audit recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Committee of Finance and Audit, Voucher No. 11806, in favor of the Town of Cortlandt, Westchester County, N. Y., amounting to seventy dollars and twenty-eight cents, and Voucher No. 11808, in favor of the Town of Yorktown, Westchester County, N. Y., amounting to eighty-one dollars and ninety-six cents, being for taxes for the year 1896, on property taken in fee by the City of New York for the construction of the New Croton Aqueduct, reservoirs, dams, etc., in said towns, which vouchers were ordered certified to the Comptroller for payment on August 4, 1897, be and hereby are ordered canceled, and a voucher is hereby ordered drawn in favor of the Town of Yorktown, Westchester County, N. Y., for taxes for the year 1896, on property taken in fee by the City of New York for the construction of the New Croton Aqueduct, reservoirs, dams, etc., in said town, amounting to seventy-seven dollars and fifty-nine cents, and certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of estimate contained in Voucher No. 11815, amounting to \$28,780.56, and of bills contained in Vouchers Nos. 11818 to 11829, inclusive, amounting to \$2,462.23.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of July 31, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for :

AUGUST 18, 1897.]

112

Double Reservoir "I"	\$3,706 65
Cornell Dam	10,287 96
Cornell Dam	1,200 00
Reservoir "D"	900 00
Jerome Park Reservoir	11,865 22
Croton Falls	1,653 60

—and stating that on July 31, 1897, bonds had been issued to the credit of the "Additional Water Fund," amounting to \$100,000.

Leaving a balance to the credit of said fund of..... \$17,079 43

Which was ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, August 25, 1897, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the resignation of Axeman Prescott H. Coolidge, to take effect on August 23, 1897, and recommended that the same be accepted.

On motion of Commissioner Cannon, the recommendation was approved and the resignation accepted.

The Committee also recommended the adoption of the following preambles and resolutions:

Whereas, Clark & Company, contractors for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, near Sedgwick avenue, in the Twenty-fourth Ward of the City of New York, have informed the Aqueduct Commissioners that they have executed an assignment to J. B. McDonald, of all of their, the said Clark & Company's right, title and interest in and to a certain contract executed with them, the said Clark & Company, by the Mayor, Aldermen and Commonalty of the City of New York, acting by and through the Aqueduct Commissioners, dated November 17, 1896, for doing the aforesaid work, and to all the moneys to become due and payable under said contract from and after the 18th day of August, 1897, the date of said assignment; and

Whereas, The Aqueduct Commissioners are content to consent to the assignment of the aforesaid contract; therefore.

Resolved, That the Aqueduct Commissioners do hereby assent and consent to the assignment of the aforesaid contract and of the moneys to become lawfully due and payable under said contract, by the said Clark & Company to the said J. B. McDonald, provided that the bondsmen of said Clark & Company shall consent, in writing, to the assignment of said contract, and shall agree that the same shall not impair or affect their liability for the faithful performance of said contract by the said Clark & Company or their assignee.

Resolved, That a copy of these resolutions be indorsed upon the several contracts above referred to and certified by the President and Secretary of the Aqueduct Commissioners.

The same were adopted by the following vote:

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee presented communications received from the Secretary, reporting that the following sums of money had been transmitted to the City Chamberlain, for the credit of the "Additional Water Fund," and that his receipts therefor were on file, viz.:

\$1,222.50, from Division Engineer Wegmann, being the amount of rent collected on buildings on the Croton River Division of the New Aqueduct during the month of August, 1897, which buildings are owned by the City of New York and under the control of the Aqueduct Commissioners.

\$254.17, from Division Engineer Gowen, being the amount of rent collected on buildings on the New Croton Dam Division of the New Aqueduct during the month of August, 1897, which buildings are owned by the City of New York and under the control of the Aqueduct Commissioners.

\$27.50, being the proceeds of sale of five (5) copies of Aqueduct Commissioners' report, 1887 to 1895.

\$15, being proceeds of sale of five copies of contract drawings for constructing retaining masonry and other masonry, etc., at Shaft No. 25 of the New Aqueduct.

On motion of Commissioner Cannon, the action of the Secretary was approved, and the communications were ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11835 to 11842, inclusive, amounting to \$356.56.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.--On Wednesday, September 1, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, September 8, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, September 15, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, September 22, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11845 and 11846, amounting to \$93,965.27, and of bills contained in Vouchers Nos. 11852 to 11878, inclusive, amounting to \$933.20.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, September 22, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Axeman Stephen M. Lyons, of the Jerome Park Reservoir Division, has been sick for more than a month. I have caused inquiries to be made from time to time in regard to the condition of his health. He is in a hospital and it is now admitted that his recovery will be very slow, if he recovers at all.

I will consequently recommend that Mr. Lyons's services be dispensed with and that he be discharged ; said discharge to date from September 24, 1897.

Yours, respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, Axeman Stephen M. Lyons be and hereby is discharged from the service of the Aqueduct Commissioners from and after September 24, 1897.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, a leave of absence with pay is hereby granted to Assistant Engineer William S. Page for one month, beginning September 29, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the salary of Rodman Julian Thornley be and hereby is increased from seventy-five dollars per month to one hundred dollars per month, the same to take effect on and after October 1, 1897.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Coleman, Ryan & Brown, contractors for the construction of the New Croton Dam, for extra work done at said dam by order of the Engineer, amounting to nineteen hundred and fifty-one dollars and twenty-nine cents (\$1,951.29), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented a communication received from the Secretary, reporting that the sum of two hundred and forty-one dollars and twenty-five cents (\$241.25) had been received from Division Engineer Charles S. Gowen, being the amount of rent collected during the month of September, 1897, on the New Croton Dam Division of the New Aqueduct on buildings owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been duly transmitted to the City Chamberlain, for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Tucker, the action of the Secretary was approved and the communication ordered filed.

The Comptroller, under date of August 31, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Reservoir "D".....	\$2,479 76
Reservoir "M".....	3,600 00
Jerome Park Reservoir.....	1,961 50
Croton Falls.....	753 45
Various proceedings.....	87 36
Reservoir "I".....	9 00
Cornell Dam.....	291,704 59
Leaving a balance to the credit of the "Additional Water Fund" of.....	<u>\$1,468,987 60</u>

—and stating that on August 3, 1897, bonds had been issued to the credit of the "Additional Water Fund" amounting to \$1,750,000.

Which was ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, September 29, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, September 28, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The ball-bearings added to the hoisting-gate machinery at Titicus Dam having successfully improved the working of the hoisting apparatus, I respectfully recommend that the same work be done for the Brewster and Carmel gates, and I also respectfully request to be authorized to give the work to Messrs. Skinner & Connolly, of Yonkers, N. Y., who were originally the lowest bidders for that class of work, and who have done it well.

There are in all for the three dams and for the tunnel at these two places fourteen (14) gates. The price for each will not exceed \$35, delivered on the ground, but I hope to be able to obtain a little lower price for the lot. The work of fitting will be done by our own men.

I consider the above-mentioned arrangement to the advantage of the City.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to have the above-mentioned work done by Skinner & Connolly, of Yonkers, N. Y., as set forth in the above communication ; the price not to exceed the sum mentioned therein.

On motion of Commissioner Cannon, the same was adopted.

The Committee also presented the following communication, received from the Chief Engineer :

To the Honorable the Committee on Construction :

NEW YORK, September 29, 1897.

GENTLEMEN—I submit herewith a certified copy of the resolution passed by the Park Board on September 27, 1897, in regard to the acceptance of the portion of the Harlem River Driveway which is covered by the operations of the Aqueduct Commissioners near Shaft No. 25.

Yours respectfully,

A. FTELEY, Chief Engineer.

“CITY OF NEW YORK,
DEPARTMENT OF PUBLIC PARKS,
THE ARSENAL, CENTRAL PARK. } ”

“(Adopted in Board of Parks, September 27, 1897.)

“Resolved, That the portion of the Second Section of the Harlem River Driveway under contract with J. C. Rodgers, covered by the recommendation of the Consulting Engineer, for a length of two hundred feet at about Station 67, which portion is required to be used temporarily by the Aqueduct Commission to facilitate the construction of a retaining-wall and other masonry work in connection with the New Croton Aqueduct near Shaft No. 25, be and the same is hereby accepted as completed.

“A true copy.

“WILLIAM LEARY, Secretary.”

On motion of Commissioner Cannon, the same was ordered spread in full upon the minutes and filed.

The Committee recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1897, due School District No. 6, of the Town of Kent, Putnam County, N. Y., amounting to forty-six dollars and sixty cents (\$46.60), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented a communication received from the Secretary, reporting that the sum of \$1,410.75 had been received from Division Engineer Wegmann, being the amount of rent collected during the month of September, 1897, on buildings on the Croton River Division of the New Aqueduct which are owned by the City of New York and under the control of the Aqueduct Commissioners ; and stating that said amount had been duly transmitted to the City Chamberlain, for the credit of the “Additional Water Fund,” and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the report ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11881 and 11882, amounting to \$68.28.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Secretary gave notice of the filing of a lien by Stephens & O'Rourke against Clark & Co., Contractors, for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, and J. B. McDonald, assignee of said Clark & Co., amounting to \$380.

Which was ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE.—On Wednesday, October 6, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, October 13, 1897, at 3 o'clock P. M.

Present—Commissioners Duane, Tucker, Cannon and Green.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 12, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—Having asked for bids from various teamsters for the purpose of hauling and distributing ninety-seven (97) monuments along the boundary line of the reservoir grounds on the New Croton Dam Division, the following bids are returned :

Alonzo C. Outhouse.....	\$1.709 each.
Walter E. Twigger.....	1.45 “
Antonio Palladino.....	1.14 “
Ira Ganung.....	.75 “
Louis W. Elliott.....	.65 “

Mr. Elliott being the lowest bidder and a responsible person, I would recommend that the work be given to him.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and hereby is authorized to order the work of hauling and distributing ninety-seven (97) monuments along the boundary line of the reservoir grounds on the New Croton Dam Division done by Louis W. Elliott, the lowest bidder, at his bid of sixty-five (65) cents for each monument.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging the following-named persons on October 1, 1897, owing to the lack of work, be and hereby is approved :

Laborers :

James Ostrander, Gerhart Raters, Eli W. Hart, James May, George Foss, August Anderson, John Kelly, William Malone, Charles E. Abel, Richard O'Brien, James P. Rogers, John M. Strang, William H. Adams, John Morrison, Jacob Tompkins.

Drivers with Teams :

Thomas J. Brennan, William J. Corbin, Joseph Gordon, R. B. Wixom, Samuel Cornish, Thomas Finnaughty, George R. Cole.

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in assigning to duty Robert E. Fisher and William R. Palmer as laborers on October 11, 1897, at two dollars per day, they having been certified by the Civil Service Commission as eligible for such employment, be and hereby is approved.

On motion of Commissioner Green, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 1, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—On July 21, 1897, you instructed me to request Mr. Dykman to institute dispossess proceedings against Nelson Brothers, the former owners of Parcels Nos. 112 and 185.

I did so on July 24, and Mr. Dykman employed a local attorney, Mr. Haines, to attend to that case.

Mr. Haines now informs the Division Engineer that before proceeding he would like to have the Aqueduct Commissioners send written instructions to Mr. Dykman and to Division Engineer Edward Wegmann, to the effect that they take immediate possession of the above-mentioned parcels, by the Sheriff, if necessary. Mr. Haines says that without such explicit and positive orders from the Aqueduct Commissioners he and the Division Engineer might be sued personally for the consequences of the dispossession.

This is to ask you to send such instructions to Mr. Dykman and to Mr. Wegmann. I would also ask you to make the instructions cover Parcel No. 113, formerly owned by Z. M. Knowles, who is in the same position towards you as Nelson Brothers.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That Mr. H. T. Dykman and Division Engineer Edward Wegmann be instructed by the President to take immediate possession of Parcels Nos. 112 and 185 of map known as "Exhibit No. 4 of 1896, being composed of an Index Map and fourteen Section Maps, A, B, C, D, E, F, G, H, I, J, K, L, M and N ; Property Maps of Additional Lands required for the construction of the

New Croton Reservoir, etc., etc.," and formerly belonging to Nelson Brothers; also of Parcel No. 113 shown on the same map and formerly belonging to Z. M. Knowles, and in all cases to require the services of the Sheriff, if necessary.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following bills for taxes for the year 1897 are hereby approved and ordered certified to the Comptroller for payment, viz. :

School District No. 10, Town of Carmel.....	\$47 84
School District No. 6, Town of Yorktown.....	94 73
School District No. 7, Town of Bedford.....	20 90

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, The Counsel to the Corporation has transmitted to the Aqueduct Commissioners, with his approval, a transcript of judgment in an action entitled Edward Fox against the Mayor, Aldermen and Commonalty of the City of New York, for the sum of \$249.33; therefore, be it

Resolved, That a voucher be and hereby is ordered drawn in favor of Edward Fox for the sum of two hundred and ninety-four dollars and fifty cents (\$294.50), being amount of judgment rendered for salary, and interest thereon, due said Edward Fox while employed as an Inspector of Masonry on the New Aqueduct, and certified to the Comptroller for payment.

The same were adopted by the following vote :

Affirmative—Commissioners Duane, Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That, pursuant to section 2, chapter 428, of the Laws of 1897, the New York City Civil Service Commission is hereby appointed a Board of Examiners in the examination "for fitness" for reinstatement of James Gregory.

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$3,800 had been received from Coleman, Ryan & Brown, contractors for the construction of the New Croton Dam, being for the use and occupancy by them of the buildings owned by the City of New York near said dam, from August 31, 1892, and until such time as the City may resume control of the work; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

OCTOBER 13, 1897.]

124

The Secretary gave notice of the filing of a lien by Adam P. Dienst and Henry Seib against Clark & Co., contractors, amounting to \$265.99.

Which was ordered filed.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11886 to 11888 inclusive, amounting to \$103,826.58, and of bills contained in Vouchers Nos. 11889 to 11911 inclusive, amounting to \$2,850.03.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, October 20, 1897, at 3 o'clock P. M.*

Present—The Commissioner of Public Works and Commissioners Duane, Tucker and Green.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, James C. Gregory be and hereby is appointed "Patrolman" in the Engineer Corps of the Aqueduct Commissioners, at a salary of three dollars and fifty cents per day, he having been certified by the Civil Service Commission as eligible for such position ; said Gregory, however, to furnish his own means of transportation at his own expense, and his salary to commence when he is assigned to duty by the Chief Engineer.

On motion of Commissioner Tucker, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, October 19, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The work which has been prosecuted at Carmel last summer at the Auxiliary Dam and on the new highways is practically completed.

At the request of the Chief Engineer of the Croton Aqueduct, I have already transferred to him the possession of the office buildings which his department is now repairing in view of permanent occupancy, and, although the machinists employed by you have to put the new ball-bearings on the Gate System, an operation which will not interfere with the maintenance of the dams, I respectfully recommend that the transfer of the property now under the control of the Aqueduct Commissioners near Carmel to the Commissioner of Public Works take place on November 1, 1897, and that the Chief Engineer be directed to make such arrangements as may be necessary with the Chief Engineer of the Croton Aqueduct for the change of supervision of the property.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the President is hereby authorized and directed to transfer to the Department of Public Works on November 1, 1897, the dams and reservoirs designated as Main and Auxiliary

Dams, Reservoir "D," near Carmel, Putnam County, New York, together with the land acquired therefor; and the Chief Engineer is hereby directed to make such arrangement as may be necessary with the Chief Engineer of the Croton Aqueduct for the change in the supervision of the property now under the control of the Aqueduct Commissioners near Carmel, Putnam County, N. Y.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolutions:

Resolved, That the accompanying bill for taxes for the year 1897, due School District No. 10, of the Towns of Bedford and Lewisboro, Westchester County, N. Y., amounting to four hundred and seventy dollars and ninety-three cents (\$470.93), is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1897, due School District No. 9, of the Town of Kent, Putnam County, N. Y., amounting to fifty-five dollars and eighty-eight cents (\$55.88), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Tucker, the same were adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the resolution adopted by the Aqueduct Commissioners on September 22, 1897, approving and ordering certified to the Comptroller for payment a bill of Coleman, Ryan & Brown, contractors for the construction of the New Croton Dam, for extra work done at said dam by order of the Engineer, amounting to nineteen hundred and fifty-one dollar and twenty-nine cents (\$1,951.29), be and hereby is amended so as to read nineteen hundred and fifty dollars and forty-six cents (\$1,950.46).

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution:

Resolved, That the resolution adopted by the Aqueduct Commissioners on November 21, 1894, approving and ordering certified to the Comptroller for payment a bill of James S. Coleman, contractor, for labor performed and material furnished in laying cast-iron pipe at the New Croton Dam to keep up the water supply of Sing Sing Prison while the Old Croton Aqueduct was discontinued, amounting to one thousand and eight dollars (\$1,008), be and hereby is amended so as to read nine hundred and ninety-seven dollars and seventy cents (\$997.70).

On motion of Commissioner Tucker, the same was adopted.

The Committee presented forms of contract, specifications and bonds, received from the Commissioner of Public Works on October 19, 1897, to provide for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, and recommended the adoption of the following resolutions:

Resolved, That the forms of contract, specifications and bonds, submitted by the Commissioner of Public Works on October 19, 1897, and approved by the Counsel to the Corporation "as to form," for constructing a keeper's house and storage-room extension, janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, be and

the same are hereby approved and adopted ; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883.

Resolved, That the President and Secretary be and hereby are directed to advertise in the "City Record," "The New York Times," and "Commercial Advertiser," a notice and advertisement inviting sealed bids for constructing a keeper's house and storage-room extension, janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, as provided in the contract and specifications this day approved and adopted by the Aqueduct Commissioners.

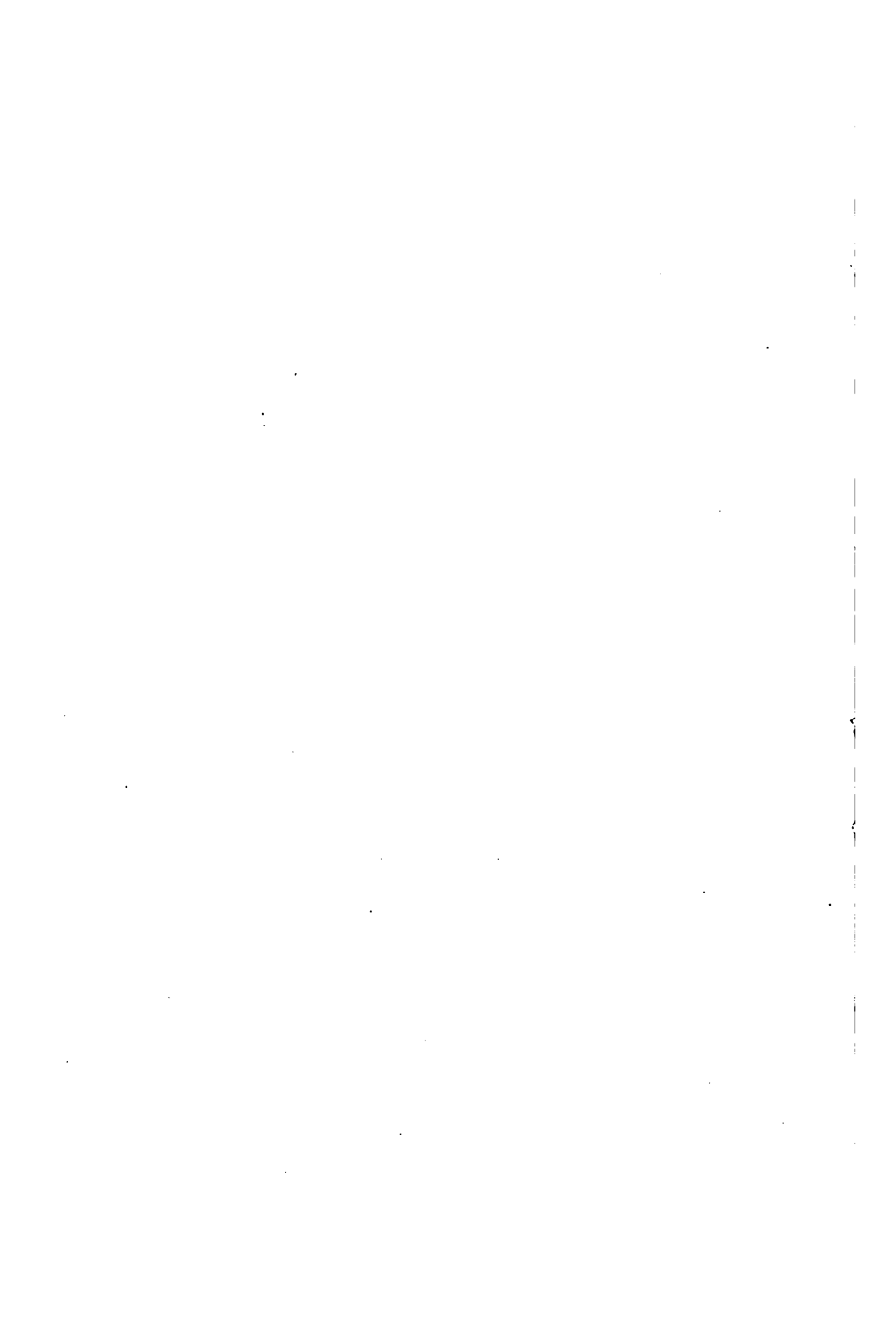
On motion of Commissioner Green, the same were adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11916, to 11928 inclusive, amounting to \$2,233.20.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



AQUEDUCT COMMISSION.

*Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Wednesday, October 27, 1897, at 3 o'clock P. M.*

Present—Commissioners Duane, Tucker, Cannon and Green.

The Committee of Finance and Audit recommended the adoption of the following resolution :

Resolved, That the following vouchers be and hereby are ordered cancelled, viz. :

Voucher No. 11749, Patterson Brothers.....	\$30 97
Voucher No. 11802, Patterson Brothers.....	3 78
Voucher No. 11927, Patterson Brothers.....	181 92
Voucher No. 11928, Patterson Brothers.....	13 73

On motion of Commissioner Cannon, the same was adopted.

The Committee reported their examination and audit of bills contained in Vouchers Nos. 11931 to 11947, inclusive, amounting to \$752.35.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee submitted the following :

The Construction or Executive Committee reported that a statement has been made by the Chief Engineer concerning the recent strike of the men in the employ of the contractors for the New Croton Dam to the effect that the strike was occasioned by a misunderstanding between the contractors and their men ; that no damage has been done to the work, and no persons injured, and that an amicable agreement has been arrived at between the contractors and their men, and that the men are again at work.

On motion of Commissioner Cannon, the same was ordered filed.

The Committee recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the accompanying bill of Arthur McMullen & Co., for drilling in the bottom foundation of the New Croton Dam and the

holes necessary for proper reconnaissance and for grouting fissures, amounting to six hundred and twenty dollars and seventy-one cents (\$620.71), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$1,133.50 had been received from Division Engineer Wegmann, being the amount of rent collected on the Croton River Division of the New Aqueduct during the month of October, 1897, on buildings owned by the City of New York and under the control of the Aqueduct Commissioners; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their office, No. 209 Stewart Building, on Wednesday, November 3, 1897, at 3 o'clock P. M.

§ Present—Commissioners Duane, Tucker, Cannon and Green.

The following was received :

NEW YORK, November 3, 1897.

To the Aqueduct Commissioners :

GENTLEMEN—I respectfully report that, in accordance with your direction of October 20, 1897, I addressed the following letter to the Commissioner of Public Works :

“NEW YORK, October 30, 1897.

Gen. CHARLES H. T. COLLIS, *Commissioner of Public Works* :

“DEAR SIR—I have been authorized by the Aqueduct Commissioners to turn over to your Department the Main and Auxiliary Dams and Reservoir designated as Reservoir ‘D,’ near Carmel, Putnam County, New York, together with the land acquired therefor ; and, by virtue of such authority, I hereby make the transfer.

“The transfer is made in accordance with the terms of the accompanying letter of the Chief Engineer of this Department, dated October 19, 1897.

“Very respectfully,

“J. C. DUANE, President.”

Respectfully,

J. C. DUANE, President.

On motion of Commissioner Tucker, the same was ordered spread on the minutes and filed.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the following bills for taxes for the year 1897 are hereby approved and ordered certified to the Comptroller for payment, viz. :

School District No. 10, Town of Bedford, N. Y.....	\$9 70
School District No. 6, Town of Carmel, N. Y.....	97 10
School District No. 4, Town of Somers, N. Y.....	64 04

On motion of Commissioner Tucker, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the President is hereby authorized and directed to request H. T. Dykman, Special Counsel for the City of New York, to take the steps necessary to dispossess the following-named persons who are now occupying property belonging to the City of New York, which has been acquired for the New Croton Reservoir, viz. :

Tenant.	Parcel Nos.
F. Twigger.....	76
Polaski Roak.....	77
George Palmer.....	106 and 106 ½

On motion of Commissioner Tucker, the same was adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$4,284.10 had been received from Division Engineer Wegmann, being the net proceeds of sale at public auction, held October 26, 1897, of machinery contained in the milk factory at Purdy's Station, Westchester County, N. Y., which machinery was the property of the City of New York and under the control of the Aqueduct Commissioners ; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

The Committee also presented a communication, received from the Secretary, reporting that the sum of \$400 had been received from Division Engineer Wegmann, being the proceeds of sale to Allen Teed of all the buildings standing on Parcel No. 396, of the land taken for the New Croton Reservoir in the Town of Somers, N. Y., said buildings having been owned by the City of New York and under the control of the Aqueduct Commissioners ; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11949 to 11965 inclusive, amounting to \$3,321.89.

On motion of Commissioner Tucker, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of September 30, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners, as follows :

Reservoir "D"	\$150 00
Croton Falls	2,543 00
Jerome Park Reservoir.....	252 10
Double Reservoir "I".....	580 96
Cornell Dam	<u>1,481 66</u>

—leaving a balance to the credit of the "Additional Water Fund" of \$1,361,040.

Which was ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

NOTE.—On Wednesday, November 10, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, November 17, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green.

Vice-President Tucker in the chair.

The Construction or Executive Committee reported that, at their meeting held on November 10, 1897, the following resolution was adopted, and they now ask your approval of such action :

Resolved, That the bid-box be closed and the keys given to the Vice-President, and that the Secretary be authorized by this Commission to receive the bids for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, as called for in the approved forms of contract and specifications on file in the office of the Aqueduct Commissioners, and also to receive the checks of the bidders, and to make the necessary preparation for opening the bids received for doing said work under the law.

On motion of Commissioner Cannon, the above action was approved.

Pursuant to the following notice, published daily for fifteen consecutive days, commencing with October 22, 1897, in the CITY RECORD, "The New York Times" and "Commercial Advertiser," bids were received for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York.

AQUEDUCT COMMISSIONERS' OFFICE,
ROOM 209, STEWART BUILDING, NO. 280 BROADWAY,
NEW YORK, October 22, 1897. }

TO CONTRACTORS.

Bids or proposals for doing the work and furnishing the materials called for in the approved forms of contract now on file in the office of the Aqueduct Commissioners, for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, will be received at this office until Wednesday, November 10, 1897, at 3 o'clock P. M., and they will be publicly opened by the Aqueduct Commissioners as soon thereafter as possible, and the award of the contract for doing said work and furnishing said materials will be made by said Commissioners as soon thereafter as practicable.

Blank forms of said approved contract, and the specifications thereof, and bids or proposals and proper envelopes for their inclosure, form of bonds and all other information can be obtained at the above office of the Aqueduct Commissioners, on application to the Secretary.

By order of the Aqueduct Commissioners.

JAMES C. DUANE, President.

EDWARD L. ALLEN, Secretary.

The following bids, received on November 10, 1897, for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, upon which the required deposits had been made, were then opened and read aloud by the Secretary :

NO.	NAME OF BIDDER.	KEEPER'S HOUSE AND STORAGE- ROOM EXTENSION.	JANITOR'S COTTAGE.	STABLE.	TOTAL.
1	Richard A. Malone.....	\$26,000 00	\$3,500 00	\$2,000 00	\$31,500 00
2	John J. Hart.....	26,400 00	3,795 00	2,053 00	32,248 00
3	John F. Johnson.....	26,400 00	6,467 00	4,829 00	37,696 00
4	Robert L. Stewart.....	27,500 00	4,525 00	2,450 00	34,475 00
5	Michael F. Cusack.....	.....	.....	.....	35,997 00
6	Christopher Nally Co.....	19,793 00	4,689 00	2,865 00	27,347 00
7	Henry C. Moore.....	31,075 57	3,313 20	2,094 15	36,482 92
8	C. & P. Ryan.....	33,500 00	5,000 00	4,750 00	43,250 00
9	Mahony Brothers.....	20,900 00	5,150 00	2,763 00	28,813 00
10	John Twinane.....	34,851 00	5,551 00	4,331 00	44,733 00
11	Thomas Dwyer.....	.....	.....	.....	39,950 00
12	Kelly & Kelley.....	23,350 00	4,746 00	2,492 00	30,588 00
13	George Telfer.....	22,681 00	6,381 00	3,531 00	32,593 00

Whereupon, on motion of Commissioner Green, the following preamble and resolution were adopted :

Whereas, Bids for constructing a Keeper's house and storage-room extension, Janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, having been received and publicly opened and read ; therefore

Resolved, That the Chief Engineer is hereby directed to have said bids calculated and tabulated and submit the same, together with his estimate of the work, at a meeting of the Construction or Executive Committee of the Aqueduct Commissioners, to be held on Wednesday, November 24, 1897, for consideration and canvassing by them, and the bids and checks of the bidders so received are hereby referred to the Committee of Finance and Audit for examination and report to the Commissioners as to their formality and the sufficiency of the sureties proposed by the bidders.

On motion of Commissioner Cannon a recess was then taken.

Upon resuming the meeting there were present the same Commissioners.

The Construction or Executive Committee presented the following communication, received from the Chief Engineer :

NEW YORK, November 17, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—My estimate of the cost of the Keeper's house and storage-room extension at the Jerome Park Reservoir is \$27,000.

My estimate of the cost of the Janitor's cottage is \$3,750.

The estimate of the cost of the stable is \$1,900.

Yours respectfully,

A. FTELEY, Chief Engineer.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

The Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Michael Curtain, of Croton Dam, and Cortwright Tice, of Croton-on-Hudson, as Laborers, at two dollars per day, for work at the New Croton Dam, they having been certified by the Civil Service Commission as eligible for such employment, be and hereby is approved ; their salary to commence from the time they are detailed to work.

On motion of Commissioner Green, the same was adopted.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, November 10, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The city property under the jurisdiction of the Aqueduct Commissioners at Carmel was transferred on November 1 to the representative of the Department of Public Works, including a lot of office furniture and tools which were not wanted at the other offices, and a list of which is appended.

Assistant Engineer Watkins, in charge at Carmel, Rodman Lentilhon, Laborers Cusick and Sutton and Superintendent of Dam Construction Sparrow are detailed to the Jerome Park Reservoir, including the work at Shaft 25.

Morris Murphy, Driver, whose services are no more wanted, has been notified of his discharge, to take effect Friday evening, November 12.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer, as set forth in the above communication, be and hereby is approved ; and Morris Murphy, Driver, be and hereby is discharged from the service of the Aqueduct Commissioners from and after November 12, 1897.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging the following-named Laborers, owing to the lack of work, on the dates set opposite their names, be and hereby is approved :

William R. Palmer.....	November 4, 1897.
Robert E. Fisher.....	November 4, 1897.
William Oakley.....	November 6, 1897.
Peter W. Remsen.....	November 6, 1897.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes due School District No. 3, Town of Cortlandt, Westchester County, N. Y., amounting to forty-three dollars and thirty-one cents (\$43.31), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same was adopted.

The Committee presented a communication received from the Secretary, reporting that the sum of \$60, being proceeds of sale of contract drawings for a Keeper's house and storage-room extension, Janitor's cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved and the communication ordered filed.

The Committee also presented a communication received from the Secretary, reporting that the sum of \$186.09 had been received from Division Engineer Gowen, being the amount of rent collected on the New Croton Dam Division of the New Aqueduct during the month of October, 1897, on buildings owned by the City of New York and under the control of the Aqueduct Commissioners ; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Green, the action of the Secretary was approved and the communication ordered filed.

The Construction or Executive Committee presented the following communication, received from the Secretary :

NEW YORK, November 17, 1897.

To the Construction or Executive Committee :

GENTLEMEN—I respectfully report that, in compliance with a request of the Comptroller contained in a letter of February 15, 1897, addressed to the President, there have been prepared and transmitted to the Finance Department maps of all the lands acquired by the Aqueduct Commission since its inception, together with a detailed description of such property.

Respectfully,

EDWARD L. ALLEN, Secretary.

On motion of Commissioner Cannon, the same was ordered filed.

The Committee reported that, at their meeting held November 10, 1897, the following resolutions were unanimously adopted, and they now recommend that the same be spread in full upon the minutes of the Commissioners :

Whereas, The members of the Aqueduct Commission have learned with great sorrow of the death of their esteemed colleague, the President of this Board, General James C. Duane ;

Resolved, That in the death of General Duane the City of New York has suffered a great loss. At the close of a most distinguished career in the service of the Nation, where by the force of eminent ability and lofty character he had risen to the highest rank in the Engineer Corps of the United States Army, General Duane brought to this Commission a mind and disposition exceptionally fitted for the important duties which he was called upon to perform. His designation as a member of this Body, in August, 1888, and his immediate election thereafter as its presiding officer, were accepted by the public as guarantees of the spirit with which the great work proposed should be carried out. He more than justified the wisdom of his selection and the confidence of the people. From the day of his appointment until the day of his death the work of the Aqueduct Commission had his entire and devoted attention ; and to his distinguished professional skill, untiring watchfulness and unfailing tact is due in great measure the success with which the work of this Board has been so successfully prosecuted.

Resolved, That the members of this Commission hereby express their deep sense not only of the public loss, but of their personal sorrow in the death of a colleague for whose character and achievements as a public officer they had the highest respect and whose personal qualities attached them to him by ties of the warmest personal affection.

Resolved, That a copy of these resolutions be engrossed and sent to the family of General Duane, and that copies be furnished to the public press.

Resolved, That out of respect to the memory of General Duane the offices of the Aqueduct Commission in the City of New York be closed upon the day of his funeral, and that the members of the Commission attend the services in a body.

On motion of Commissioner Green, the recommendation of the Committee was unanimously approved.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 11967 to 11969, inclusive, amounting to \$104,200.20, and of bills contained in Vouchers Nos. 11971 to 11986, inclusive, amounting to \$1,359.87.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



NOTE.—On Wednesday, November 24, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Special Meeting of the Aqueduct Commissioners, held at the office of the Mayor, City Hall, on Tuesday, November 30, 1897, at 2.30 o'clock P.M., to consider the matter of the proposed settlement of suits against the City arising out of the claims of contractors on Sections Nos. 2 to 9 inclusive, and Sections 10 (B), 11 (A) and 16 of the New Aqueduct.

Present—The Mayor, and Commissioners Tucker, Cannon and Green ; also Hon. Francis M. Scott, Counsel to the Corporation.

The Construction or Executive Committee submitted the following report and resolutions and recommended their adoption :

Whereas, The Counsel to the Corporation has sent to this Commission a letter dated September 10, 1897, in which he submits a proposition made to him in writing by the counsel for the contractors who are plaintiffs in the suits against the City now pending upon claims relating to sections 2 to 9, inclusive, of the New Croton Aqueduct, offering to settle the said suits in full for the sum of seven hundred thousand dollars ; and

Whereas, The said claims, as we are advised by the said Counsel to the Corporation, amount, at the present time, with interest, to upward of ten million dollars ; and

Whereas, The Chief Engineer reports that the additional allowances to said contractors, based upon the resolution adopted by the Aqueduct Commissioners on December 30, 1887, will amount to something over seven hundred thousand dollars ; and

Whereas, The Counsel to the Corporation advises the settlement of the said suits on the proposed basis and the special counsel for the City in those suits, Messrs. James C. Carter, Elihu Root and Austen G. Fox, have expressed their approval thereof ;

Resolved, That while this Committee do not admit the method of measurement adopted by said resolution to be binding on this City, and refer to the same only for the express purpose of this settlement, it is the opinion of the Construction or Executive Committee of the Aqueduct Commissioners that it will be to the advantage of the City if the claims upon sections 2 to 9, inclusive, of the New Croton Aqueduct, can be settled in full for the sum of seven hundred

thousand dollars, and the said Committee approves of the proposed settlement, if the same can be effected on those terms.

Resolved, That the Counsel to the Corporation be and hereby is authorized and advised to effect a complete settlement of all claims and litigations arising on sections 2 to 9, inclusive, of the New Croton Aqueduct, for the sum of seven hundred thousand dollars, in accordance with the foregoing report and resolution.

Resolved, That the offer of the contractors to settle the suits on sections 10 (B), 11 (A) and 16 for two hundred and fifty thousand dollars (\$250,000) should be declined.

On motion of Commissioner Green, seconded by Commissioner Cannon, the above report and resolutions were adopted by the following vote :

Affirmative—The Mayor, and Commissioners Tucker, Cannon and Green—4.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 1, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green.

Vice-President Tucker in the chair.

The following was received :

NEW YORK, December 1, 1897.

To the Aqueduct Commissioners :

GENTLEMEN—The Committee of Finance and Audit report, that they have examined the bids and checks received November 10, 1897, for constructing a keeper's house and storage-room extension, janitor's cottage and stable, at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York.

The checks, amounting to \$13,000, were correct, and were transmitted to the Comptroller and his receipt therefor is on file.

Certain of the bids appear to be informal, as follows :

Bid No. 3, made by John F. Johnson—Not sworn to, but is properly acknowledged.

Bid No. 5, made by Michael F. Cusack—Names of persons interested not given ; prices not given for items separately, but for all combined.

Bid No. 7, made by Henry C. Moore—One surety only offered.

Bid No. 10, made by John Twiname—Not sworn to, but is properly acknowledged.

Bid No. 11, made by Thomas Dwyer—Prices not given for items separately, but for all combined.

Bid No. 13, made by George Telfer—Names of persons interested not given.

All of the other bids appear to be in proper form.

Respectfully,

JOHN J. TUCKER, Chairman, Committee of Finance and Audit.

On motion of Commissioner Cannon, the report was ordered filed.

The Construction or Executive Committee presented the following communication :

NO. 102 WEST EIGHTY-FIRST STREET, }
NEW YORK, November 29, 1897. }

Honorable Board of Aqueduct Commissioners :

GENTLEMEN—In the matter of the contract for keeper's house, etc., at Jerome Park Reservoir, we wish to say that owing to the delay and our uncertainty as to a favorable decision in the matter, we have taken advantage of an opportunity to secure other work. Under these circumstances we wish you to allow us to withdraw our bid.

Yours very truly,

CHRISTOPHER NALLY COMPANY,
CHRISTOPHER NALLY, President.

—and recommended that the Commissioners decline to permit said Christopher Nally Company to withdraw its bid.

On motion of Commissioner Cannon, the recommendation of the Committee was approved.

The Committee also presented the following communication received from the Chief Engineer :

NEW YORK, November 22, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—I beg to present herewith a synopsis of the bids received by the Aqueduct Commissioners on November 10, for "Keeper's House, Janitor's Cottage and Stable" at the Jerome Park Reservoir.

Yours respectfully,

A. FTELEY, Chief Engineer.

No.	NAME OF BIDDER.	KEEPER'S HOUSE AND STORAGE-ROOM EXTENSION.	JANITOR'S COTTAGE.	STABLE.	TOTAL.
1	Christopher Nally Company.....	\$19,793 00	\$4,689 00	\$2,865 00	\$27,347 00
2	Mahony Brothers.....	20,900 00	5,150 00	2,763 00	28,813 00
3	Kelly & Kelley.....	23,350 00	4,746 00	2,492 00	30,588 00
4	Richard A. Malone.....	26,000 00	3,500 00	2,000 00	31,500 00
5	John J. Hart.....	26,400 00	3,795 00	2,053 00	32,248 00
6	George Telfer.....	22,681 00	6,381 00	3,531 00	32,593 00
7	Engineer's estimate.....	27,000 00	3,750 00	1,900 00	32,650 00
8	Robert L. Stewart.....	27,500 00	4,525 00	2,450 00	34,475 00
9	Michael F. Cusack.....	.....	.....	.....	35,997 00
10	Henry C. Moore.....	31,075 57	3,313 20	2,094 15	36,482 92
11	John F. Johnson.....	26,400 00	6,467 00	4,829 00	37,696 00
12	Thomas Dwyer.....	.....	.....	.....	39,950 00
13	C. & P. Ryan.....	33,500 00	5,000 00	4,750 00	43,250 00
14	John Twiname.....	34,851 00	5,551 00	4,331 00	44,733 00

On motion of Commissioner Green, the same was ordered spread upon the minutes and filed.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the contract for constructing a keeper's house and storage-room extension, janitor's cottage and stable at the Jerome Park Reservoir, in the Twenty-fourth Ward of the City of New York, be and hereby is awarded to Mahony Brothers, at their bid of twenty-eight thousand eight hundred and thirteen dollars (\$28,813), it being less than the estimate of the Chief Engineer.

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green—4.

On motion of Commissioner Cannon, a recess was then taken.

Upon resuming the meeting there were present the same Commissioners.

The Committee also recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in employing Frank J. Bauman and Lorenzo J. Decker, of Croton Lake, N. Y., and Cortwright Tice, of Croton-on-Hudson, N. Y., as Laborers, at two dollars per day, their pay to begin November 27, 1897, they having been certified by the Civil Service Commission as eligible for such employment, be and hereby is approved.

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John Twiname, contractor, for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, for an extension of time in which to complete said contract, and the Chief Engineer having recommended that an extension of time to March 1, 1898, be granted ; therefore, be it

Resolved, That an extension of time to March 1, 1898, be and hereby is granted to John Twiname in which to complete his contract for constructing retaining masonry and other masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, provided his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said contract under said extension of time, which is hereby allowed to him as further time for the performance of said contract.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the Chief Engineer be and he is hereby authorized and directed to prepare the necessary plans and specifications for doing the following work :

For the protection of the rock in front of the Gate-house at Shaft No. 25 of the New Aqueduct.

For building the boundary-wall around the New Croton Reservoir.

Resolved, That the Chief Engineer be and he is hereby authorized and directed to cause to be made an examination and modification of the Old Croton Aqueduct, between the New Croton Dam and the head Gate-house near the Old Croton Dam, and to take such steps as may be necessary to enter into such examination, and to prepare plans and specifications for such modification.

On motion of Commissioner Green, the same were adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following bills for taxes for the year 1897 are hereby approved and ordered certified to the Comptroller for payment, viz. :

School District No. 5, Town of Yorktown, N. Y.....	\$14 38
School District No. 8, Town of Yorktown, N. Y.....	129 82
School District No. 6, Town of Bedford, N. Y.....	13 95
School District No. 13, Town of Bedford, N. Y.....	<u>2 81</u>

On motion of Commissioner Cannon, the same was adopted.

The Committee also recommended the adoption of the following resolutions :

Resolved, That the accompanying bill for taxes for the year 1897, due School District No. 9, Town of Bedford, Westchester County, N. Y., amounting to eight dollars and twelve cents, is hereby approved and ordered certified to the Comptroller for payment.

Resolved, That the accompanying bill for taxes for the year 1897, due School District No. 5, Town of Cortlandt, Westchester County, N. Y., amounting to thirty-five dollars and forty cents, is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Cannon, the same were adopted.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$1,027.50 had been received from Division Engineer Wegmann, being the amount of rent collected during the month of November, 1897, on buildings on the Croton River Division of the New Aqueduct, said buildings being owned by the City of New York and under the control of the Aqueduct Commissioners; and stating that said amount had been transmitted to the City Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

The Committee also presented a communication received from the Secretary, reporting that the sum of \$292.42 had been received from Division Engineer Gowen, being the amount of rent collected during the month of November, 1897, on buildings on the New Croton Dam Division of the New Aqueduct, said buildings being owned by the City of New York and under the control of the Aqueduct Commissioners, and stating that said amount had been transmitted to the City

Chamberlain for the credit of the "Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved and the communication ordered filed.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 11,994 to 12,024, inclusive, amounting to \$1,101.51.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Comptroller, under date of October 30, 1897, gave notice of the issue of warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for—

Reservoir "D".....	\$753 85
Croton Falls.....	150 00
Jerome Park Reservoir.....	17,750 35
Double Reservoir "I".....	3,514 40
Reservoir "M".....	512 20
Cornell Dam.....	10,067 10

—leaving a balance to the credit of the "Additional Water Fund" of \$1,217,850.58.

Which was ordered entered upon the books of the Commissioners and filed.

The Secretary gave notice of the filing of the following liens against John B. McDonald, contractor :

Antonio Perotto.....	\$96 25	Joseph Giezo.....	14 00
Pasquale Carotsi.....	70 00	Salvatore Perrotto.....	32 20
Raffele De Rosa.....	58 80	Patsey Genona.....	58 80
Cimi Trombetta.....	81 20	Francesco Larossi.....	56 25
Carmino Jachiano.....	25 00	Salvatore Campanaro.....	29 82
Palmeri Giuseppe.....	23 75	Modestino Cviscitello.....	43 75
Pasquale Siriguano.....	17 50	Annibale Sacchetti.....	80 00
Vincenzo Montefusco.....	16 87	Giovanni Mauno.....	50 00
Andre Gradciosa.....	81 20	Alfonso Scorrano.....	103 14
Conato Luongo.....	14 00	Domenico Mauro.....	218 00
Salvino Putsalo.....	22 50	Alfonso Petrolli.....	114 16

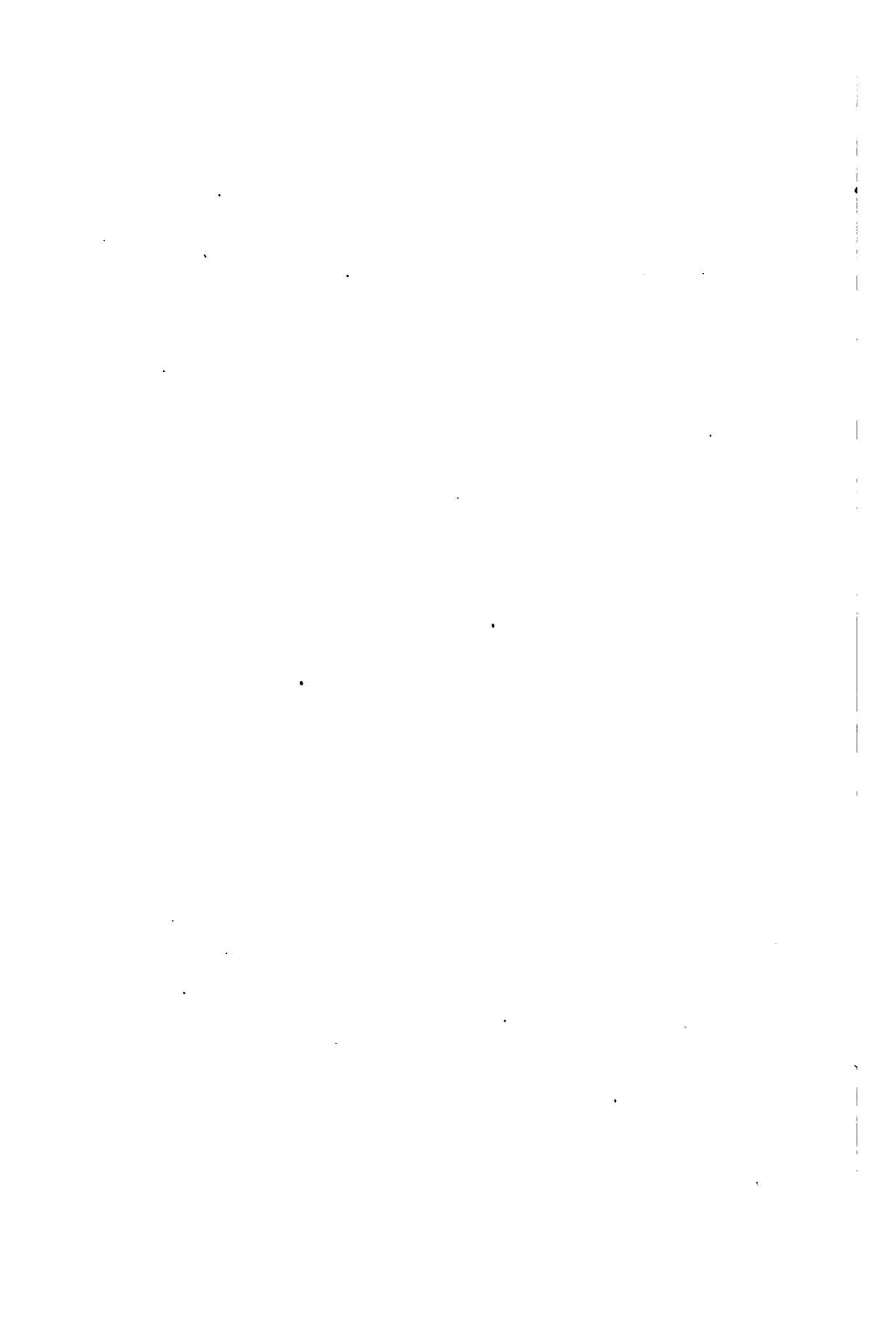
On motion of Commissioner Green, the same were ordered filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

NOTE—On Wednesday, December 8, 1897, no quorum being present, the meeting stood adjourned.

EDWARD L. ALLEN, Secretary.



AQUEDUCT COMMISSION.

*Minutes of Special Meeting of the Aqueduct Commissioners, held at their Office, No. 209
Stewart Building, on Thursday, December 9, 1897, at 3.30 o'clock, P.M.*

Present—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green.

Vice-President Tucker in the chair.

The Committee of Finance and Audit reported their examination and audit of estimates contained in Vouchers Nos. 12,026 to 12,028, inclusive, amounting to \$85,700.08, and of bills contained in Vouchers Nos. 12,029 to 12,032, inclusive, amounting to \$56.02.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Construction or Executive Committee present the following communications, received from the Chief Engineer :

NEW YORK, November 29, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—It has been found, during the prosecution of the work at Shaft No. 25, that portions of the rock which have been left standing after the blasting operations of the Park Department have shown signs of sliding above the lines which have been established under the regulations of the Department of Parks for the construction of the sidewalk of the Harlem River Driveway.

I think it essential, for the protection of the shaft and of the coal hoist erected by the Department of Public Works, that the high level of the sidewalk be extended to the coal hoist. This additional work, the cost of which will not exceed \$1,500, can be included under the terms of the contract for the work now being performed by Contractor Twine.

I have communicated with the Park Commissioners, who are to pass upon this modification at their meeting to-day. In presenting the subject to them I stated that the Aqueduct Commissioners had not decided as yet whether they would assume the cost of the additional work.

Yours respectfully,

A. FTELEY, Chief Engineer.

NEW YORK, December 9, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—The Consulting Engineer of the Department of Public Parks informs me that at a regular meeting of the Board of Parks, on December 6, the plan of the proposed modification of the protecting-wall near Shaft No. 25 was approved precisely as transmitted by me to the Park Department.

Referring to my communication of November 29 to yourselves on the same subject, I now respectfully request that you authorize me to build the proposed addition under the contract of Mr. John Twiname.

Yours respectfully,

A. FTELEY, Chief Engineer.

—and recommended the adoption of the following resolution :

Resolved, That the Chief Engineer be and he is hereby authorized to order John Twiname to do the work set forth in the above communications, under his contract for constructing retaining masonry and other masonry, and doing other work pertaining thereto, at Shaft No. 25 of the New Croton Aqueduct, at an expenditure of not to exceed the sum of fifteen hundred dollars (\$1,500).

The same was adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green—4.

The Committee also recommended the adoption of the following preamble and resolution :

Whereas, In the opinion of the Aqueduct Commissioners, the further sum of two million dollars (\$2,000,000) will be required to defray the necessary and lawful expenditures of the said Commissioners ; now, therefore, be it

Resolved, That the Comptroller of the City of New York be and he is hereby requested to raise the sum of two million dollars (\$2,000,000) upon bonds of the City of New York, in conformity with the requirements of section 32, chapter 490, Laws of 1883, of the State of New York, for the uses and purposes of the Aqueduct Commissioners, as set forth in said chapter and section of said law.

The same were adopted by the following vote :

Affirmative—The Commissioner of Public Works and Commissioners Tucker, Cannon and Green—4.

The Committee also recommended that the following resolution adopted by the Commissioners on November 17, 1897, be rescinded :

“Resolved, That the action of the Chief Engineer in employing Michael Curtain, of Croton Dam, and Cortwright Tice, of Croton-on-Hudson, as Laborers, at two dollars per day, for work at the New Croton Dam, they having been certified by the Civil Service Commission as eligible for such employment, be and hereby is approved ; their salary to commence from the time they are detailed to work.”

On motion of Commissioner Green, the recommendation of the Committee was approved and the above resolution was rescinded.

The Committee presented a communication, received from the Secretary, reporting that the sum of \$652.40 had been received from Division Engineer Wegmann, being the net proceeds of sale at public auction, held on December 1, 1897, of buildings, etc., situated at Katonah, Westchester County, N. Y., which had been acquired by the City of New York and was under the control of the Aqueduct Commissioners ; and stating that the above amount was transmitted to the City Chamberlain, for the credit of the " Additional Water Fund," and that his receipt therefor was on file.

On motion of Commissioner Cannon, the action of the Secretary was approved.

The Committee reported that there had been received at this office, from the Mayor, a communication received by him from Frederick Stewart, attorney for the Citizens' Savings and Loan Association of Akron, Ohio, transmitting copy of a promissory note of Paige, Carey & Company, to the order of said association for \$22,500, dated New York, September 30, 1893, payable one year after date, together with a copy of a certificate signed by L. Lafin Kellogg, Esq., as trustee, bearing the same date, evidencing an assignment to the extent of \$22,500 of the moneys received upon the claims of Paige, Carey & Company and D. M. Carey & Company against the Mayor, Aldermen and Commonalty of the City of New York, for work performed by said firms upon Sections 7 and 9 of the New Croton Aqueduct, and recommending that the same be ordered filed.

On motion of Commissioner Cannon, the recommendation of the Committee was approved.

On motion of Commissioner Green, the minutes of meetings of March 17, 31, April 7, 21, 28, May 5, 12, 19, 26, June 2, 16, 29, July 7, 14, 21, 28, August 2, 4, 18, 25, September 22, 29, October 13, 20, 27, and November 3, 1897, were approved.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday December 15, 1897, at 3 o'clock P.M.

Present—The Commissioner of Public Works and Commissioners Tucker, Cannon, Green and Power.

Vice-President Tucker in the chair.

The following communication was received :

CITY OF NEW YORK OFFICE OF THE MAYOR, }
December, 15, 1897. }

To the Honorable the Board of Aqueduct Commissioners, No. 280 Broadway, New York :

DEAR SIRs—I am directed by the Mayor to inform you that he has appointed Maurice J. Power to succeed General James C. Duane, deceased, as a member of the Board of Aqueduct Commissioners.

Very respectfully yours,

BION L. BURROWS, Secretary.

On motion of Commissioner Cannon, the same was ordered spread upon the minutes and filed.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer in discharging laborer Frank J. Bauman, on account of lack of work, on December 11, 1897, be and hereby is approved.

On motion of Commissioner Green, the same was adopted.

The Committee also recommended the adoption of the following resolution :

Resolved, That the following bills for taxes for the year 1897 are hereby approved and ordered certified to the Comptroller for payment, viz. :

School District No. 5, Town of North Salem, N. Y	\$56 08
School District No. 6, Town of North Salem, N. Y	308 75
School District No. 7, Town of Yorktown, N. Y	11 22

On motion of Commissioner Cannon the same was adopted.

The Committee presented the following communication, and recommended that the same be accepted and spread upon the minutes, and the action of the Secretary approved :

NEW YORK, December 15, 1897.

To the Construction or Executive Committee:

GENTLEMEN—I transmit herewith communication of December 9th from the Mayor, requesting to be furnished, in accordance with section 1536 of the Greater New York Charter, with a plan for the transfer of the property in this Department and for the apportionment and reappointment of subordinates and employees, as provided in said section.

After consultation with the Chief Engineer in reference to the above, I transmitted to the Mayor a letter as follows :

“ DECEMBER 13, 1897.

“ *Hon. WILLIAM L. STRONG, Mayor :*

“ DEAR SIR—In your communication, dated December 9th, you request me to furnish you with a schedule showing the manner in which, in my judgment, the public records, and the employees and subordinates in this Department should be transferred and reappointed under the provision of section 1536 of the Greater New York Charter, parts of which are quoted in your said communication.

“ Section 518 of the Greater New York Charter provides that ‘ Nothing in this Act contained shall be deemed or construed to repeal or in any wise affect Chapter 490 of the Laws of 1883 (known as the Aqueduct Act) * * * or the several acts amendatory thereof, but the said Act and its amendments shall remain in full force and effect. * * * The term of office of the Commission appointed and existing under the aforesaid Act shall cease and determine on the first day of January, 1901.’

“ From the above it appears that no change is to take place after January 1, 1898, in the existence of the Aqueduct Commission or in its method of work. It appears, consequently, that no plan should be prepared and adopted for the transfer of City property under the jurisdiction of the Aqueduct Commission to any other Department, and that no reappointment of subordinates and employees should take place.

“ Very respectfully,

“ EDWARD L. ALLEN, Secretary.”

Respectfully submitted,

EDWARD L. ALLEN, Secretary.

On motion of Commissioner Green the recommendation was approved.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 12,034 to 12,046, inclusive, amounting to \$906.01.

On motion of Commissioner Cannon the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 22, 1897, at 3 o'clock P. M.

Present—Commissioners Tucker, Cannon, Green and Power.

Vice-President: Tucker in the chair.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the work of furnishing six bronze memorial tablets be and hereby is given to Gorham Manufacturing Company, at its bid of thirteen hundred and fifty dollars (\$1,350) for furnishing the same ; said tablets to be placed as follows :

Two, commemorative of the New Aqueduct, at the Head Gate-house near the Old Croton Dam, and one at the One Hundred and Thirty-fifth street Gate-house.

The other four tablets, each commemorative of one of the dams built by the Aqueduct Commissioners, at the Gate-houses of the Main Carmel Dam, of Sodom Dam, of Bog Brook Dam, and of Titicus Dam respectively.

The same was adopted by the following vote :

Affirmative—Commissioners Tucker, Cannon, Green and Power—4.

The Committee presented the following communication, received from the Chief Engineer :

NEW YORK, December 20, 1897.

To the Honorable the Committee on Construction :

GENTLEMEN—During the construction of the New Croton Dam and until the new system of roads is built, a large part of the traffic takes place through the Wire Mill Bridge, so called, a short distance above the dam. That bridge is old and is worn out at places, and, inasmuch as it is located on the land taken by the City for the reservoir, I suppose that the City is to see that it is kept in reasonable order. The work to be done consists of the following :

Replacing missing siding, retailing old siding, reshingling roof with second quality cypress or pine, furnishing and putting in new sheathing where necessary, straightening up north end of bridge with guy fastened to tree, jacking up south end of bridge and putting in new central blocks

of oak timber and lengthening and renewing the supporting post, if necessary ; clearing away earth from bridge seats, and building up such dry rubble wall as will be necessary to keep the surface water away from the ends of the bridge ; putting up guard-rails at each end of bridge with chestnut posts and rail on top, 20 feet from the end of bridge ; furnishing all the material and labor excepting the guy-rope and fastenings used in straightening the bridge.

Two bids have been asked for from local carpenters who have heretofore done work for the City satisfactorily.

The bid of Charles Halstead, of Sing Sing, is \$260.

The bid of Daniel Carpenter, of Sing Sing, is \$248.

If you decide to order the work done, I would recommend that it be given to Daniel Carpenter, whose bid is reasonable and the lower of the two.

Yours respectfully,

A. FTELEY, Chief Engineer.

--and recommended the adoption of the following resolution :

Resolved, That, upon the recommendation of the Chief Engineer, the work of repairing the Wire Mill Bridge, so called, a short distance above the New Croton Dam, as set forth in the above communication, be and hereby is given to Daniel Carpenter, the lowest bidder, at his bid of two hundred and forty-eight dollars (\$248) for doing the same.

On motion of Commissioner Cannon, the same was adopted.

The Committee recommended the adoption of the following preamble and resolution :

Whereas, Application has been made by John B. McDonald, assignee of Clark & Company, contractors for excavating a tunnel and constructing a masonry drain at Jerome Park Reservoir, near Sedgwick avenue, in the Twenty-fourth Ward of the City of New York, for an extension of time in which to complete said contract, and the Chief Engineer having recommended that an extension of time to November 1, 1898, be granted ; therefore, be it

Resolved, That the Aqueduct Commissioners hereby grant to John B. McDonald, assignee of Clark & Company, contractors, an extension of time to November 1, 1898, in which to complete the contract above referred to, providing his bondsmen shall, within ten days from the date hereof, enter into stipulations continuing their obligations for and during the completion of said work under said extension of time, which is hereby allowed to him as further time for the performance of said contract.

The same were adopted by the following vote :

Affirmative—Commissioners Tucker, Cannon, Green and Power—4.

The Committee also recommended the adoption of the following resolution :

Resolved, That the accompanying bill for taxes for the year 1897, due Road District No. 74, Town of Yorktown, Westchester County, New York, amounting to one dollar and fifty cents (\$1.50), is hereby approved and ordered certified to the Comptroller for payment.

On motion of Commissioner Green, the same was adopted.

The Committee of Finance and Audit reported their examination and audit of bills contained in Vouchers Nos. 12,051 to 12,060, inclusive, amounting to \$155.23.

On motion of Commissioner Cannon, the same were approved and ordered certified to the Comptroller for payment.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.



AQUEDUCT COMMISSION.

Minutes of Stated Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Wednesday, December 29, 1897, at 3 o'clock P. M.

Present—The Commissioner of Public Works, and Commissioners Tucker, Cannon, Green and Power.

Vice-President Tucker in the chair.

The Construction or Executive Committee recommended the adoption of the following resolution :

Resolved, That the action of the Chief Engineer, in discharging Laborers Lorenzo J. Decker and Cortwright Tice on December 24, 1897, owing to the lack of work, be and hereby is approved.

On motion of Commissioner Green, the same was adopted.

The Committee presented forms of contract, specifications and bonds received from the Commissioner of Public Works, on December 22, 1897, to provide for constructing retaining and stairway masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, and recommended the adoption of the following resolution :

Resolved, That the forms of contract, specifications and bonds submitted by the Commissioner of Public Works, on December 22, 1897, and approved by the Counsel to the Corporation "as to form," for constructing retaining and stairway masonry and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, be and the same are hereby approved and adopted ; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490 of the Laws of 1883 of the State of New York.

On motion of Commissioner Green, the same was adopted.

The Committee also presented forms of contract, specifications and bonds received from the Commissioner of Public Works on December 28, 1897, to provide for constructing stone-wall fences for the New Croton Reservoir, in the County of Westchester, State of New York, and recommended the adoption of the following resolution :

Resolved, That the forms of contract, specifications and bonds, submitted by the Commissioner of Public Works on December 28, 1897, and approved by the Counsel to the Corporation "as to form," for constructing stone-wall fences for the New Croton Reservoir, in the County of Westchester, State of New York, be and the same are hereby approved and adopted; and the Secretary is hereby directed to have triplicate copies thereof prepared for certification by the Aqueduct Commissioners, and filed in accordance with section 25, chapter 490, Laws of 1883 of the State of New York.

On motion of Commissioner Green, the same was adopted.

The Comptroller, under date of November 30, 1897, gave notice of the issue of the following warrants for the payment of vouchers not certified to by the Aqueduct Commissioners for

Reservoir "D".....	\$2,190 00
Reservoir "I".....	611 60
Croton Falls.....	150 00
Double Reservoir "I".....	826 40
Jerome Park Reservoir.....	6,487 60
Cornell Dam.....	4,384 84

—leaving a balance to the credit of the "Additional Water Fund" of \$1,081,269.14.

Which was ordered entered upon the books of the Commissioners and filed.

The Commissioners then adjourned.

EDWARD L. ALLEN, Secretary.

INDEX.

A.

Abel, Charles E. (Laborer)—	PAGE
Discharged.....	7, 122
Temporarily employed and discharged.....	48
Appointed	61
Abstract of Trial Balance—	
Presented.....	9, 90
Acting Chief Engineer—	
Alfred Craven, Division Engineer, designated as	32
Adams, William H.—	
Appointed Laborer.....	71
Discharged.....	122
Additional Water Fund—	
Bonds issued to credit of.....	39, 112, 116
Secretary reports transmission of moneys to credit of, viz.:	
Proceeds from sale of buildings at Katonah.....	3, 51, 79, 151
Proceeds from refund of taxes from School District No. 10, Town of Carmel	9
Proceeds from rental of buildings on Croton River Division....	
..... 9, 26, 36, 44, 55, 68, 79, 90, 114, 118, 130, 146	
Proceeds from sale of timber and iron at Purdy's Station.....	26
Proceeds from rental of buildings on New Croton Dam Division.....	
..... 30, 38, 51, 62, 87, 114, 116, 123, 138, 146	
Proceeds from rental of level and planimeter.....	62
Proceeds from refund of taxes by former owners of land in Towns of Newcastle, Lewisboro, North Salem and Bedford	70
Proceeds from sale of grass on Croton River Division...	79
Proceeds from sale of buildings in Croton Falls	79
Proceeds from sale of Aqueduct Commissioners' Reports.....	114, 138
Proceeds from sale of contract drawings.....	114
Proceeds from sale of machinery in milk factory at Purdy's Station...	132
Proceeds from sale of buildings in Town of Somers.	132

	PAGE
Amling, H., Jr.—	
Bill for veterinary services and medicine, approved.....	66
Anderson, August (Laborer)—	
Discharged	22, 122
Appointed	61
Appointments—	
R. W. Creuzbaur, Assistant Engineer.....	2
Thomas Duffy, Martin Towey, George Foss and Chas. E. Abel, Laborers..	43
Charles Fuller, Watchman....	57
Peter Denning, Laborer....	57
James R. Ostrander, Gerhart Raters, Eli Hart, George Oakley, John Morf,	
James May, George Foss, August Anderson, John Kelly, Charles E.	
Abel, William Malone and Richard O'Brien, Laborers....	61
Thomas J. Brennan, W. J. Corbin, Joseph Gordon, George R. Cole, R. B.	
Wixom and Samuel Cornish, Drivers with teams	66
Darby Ford, Laborer....	69
John Morrison, John M. Strang, William H. Adams, James P. Rogers,	
and Jacob Tompkins, Laborers.....	71
Thomas Finnaughty, Driver with team.....	71
George A. Hammond, First Helper.....	89
William Oakley and Arthur J. Matthews, Laborers.....	89
Thomas Curry, Inspector of Masonry.	107
Peter A. Murray, Cement Worker.....	108
Peter W. Remsen, Laborer	110
Arthur J. Matthews, appointment rescinded.....	110
Robert E. Fisher and William R. Palmer, Laborers.....	122
James Gregory, Patrolman....	125
Michael Curtaln and Cortright Tice, Laborers....	145
Frank J. Bauman and Lorenzo J. Decker, Laborers.....	145
Maurice J. Power, Aqueduct Commissioner.....	153
Ardsley, Village of—	
Bill for taxes, approved.....	73
Assignment—	
By contractors of moneys due on contract for tunnel and masonry drain	
at Jerome Park Reservoir.....	73
Of contract for Jerome Park Reservoir.....	74
Of contract for New Croton Dam, proposed	103
Of contract for tunnel and masonry drain at Jerome Park Reservoir.....	113

INDEX.

III
PAGE

Assistant Engineer—

R. W. Creuzbauer, appointed	2
William Gray, discharged.. ...	7
Above discharge rescinded, and leave of absence granted	29
William S. Page, granted leave of absence.....	115
Frederick W. Watkins, detailed to Jerome Park Reservoir and Shaft 25...	138

Auditor (A. F. Pentz)—

Salary increased.....	80
-----------------------	----

Awards—

For property taken for Jerome Park Reservoir.....	78
---	----

Axemen—

John Simmons and R. B. Wixom, discharged.....	7
Charles A. Thomas, request for additional leave of absence, denied... ..	25
“ “ discharged.....	25
Prescott H. Coolidge, resigned.....	113
Stephen M. Lyons, discharged	115

B.

Bauman, Frank J.—

Appointed Laborer....	145
Discharged.....	153

Beattie, John—

Bids for furnishing stone monuments	38
---	----

Bedford (and Lewisboro), Towns of—(School District No. 10)—

Bill for taxes, approved.....	29, 126
-------------------------------	---------

Bedford, Town of—

Bills for taxes, approved.....	34, 47, 73
--------------------------------	------------

Bedford, Town of (School District No. 6)—

Bill for taxes, approved	146
--------------------------------	-----

Bedford, Town of (School District No. 7)—

Bill for taxes, approved... ..	123
--------------------------------	-----

Bedford, Town of (School District No. 9)—

Bill for taxes, approved.....	146
-------------------------------	-----

Bedford, Town of (School District No. 10)—

Bill for taxes, approved	132
--------------------------------	-----

Bedford, Town of (School District No. 13)—

Bill for taxes, approved.	146
-----------------------------------	-----

	PAGE
Benedetto, Joseph di—	
Bids for constructing retaining masonry, etc., near Shaft 25.....	106
Bid-box—	
Closed to receive bids for retaining masonry near Shaft 25....	89
Closed to receive bids for keeper's house, etc., at Jerome Park Reservoir..	135
Bids—	
Opened for constructing retaining masonry near Shaft 25....	105
Submitted for hauling and distributing monuments for boundaries of New Croton Reservoir.....	121
Received for constructing keeper's house, etc., at Jerome Park Reservoir..	135
Same opened.....	136
Board of Estimate and Apportionment—	
Authorizes Comptroller to pay rent of offices of Aqueduct Commissioners.	51
Bog Brook Reservoir—	
Public hearing, to be given on additional lands required, for protection of.	50
Same held and closed	65
Bradley, S.—	
Bill for veterinary services, approved ...	21
Brennan, Thomas J.—	
Appointed Driver with team	67
Discharged.....	122
Budd, Arthur P.—	
Represents Mrs. Aurelia Paddock at public hearing.....	65
C.	
Camp, F. W.—	
Name of, suggested to Sheriff of Westchester County as proper person to take care of property of City of New York in said county.....	55
Carey & Company, D. M.—	
Assign claims on Sections 7 and 9.....	151
Carmel, Town of—	
Bill for taxes, approved.....	8
Carmel, Town of (School District No. 6)—	
Bill for taxes, approved.....	132
Carmel, Town of (School District No. 10)—	
Bill for taxes, approved.....	123

INDEX.

1
PAGE

Carpenter, Daniel—

To repair Wire Mill Bridge..... 138

Cattaberry, Louis—

Bill for moving office furniture, approved 66

Celi, Peter—

Bids for furnishing stone monuments..... 38

Cement Worker—

Peter A. Murray, appointed..... 108

Chief Engineer (A. Fteley)—

To arrange for change in supervision of property at Reservoir "M".... 3

Submits table showing contents of Reservoir "D"..... 6

To monument boundaries of additional marginal land around East Branch Reservoir 21

Granted leave of absence..... 32

Division Engineer Alfred Craven, designated as "Acting Chief Engineer" 32

Action of, in transferring men and property from Titicus Dam, approved. 34

Action of, in ordering repairs to be made to highway in Croton Falls, approved 42

Action of, in ordering construction of cabin for use of Superintendents of Dam Construction at Jerome Park Reservoir, approved..... 46

To purchase wagons and harness for New Croton Dam Division..... 54

To employ William Gilmore to repair highway in Croton Falls 54

To have done work required for taking care of percolation of water under Auxiliary Dam at Carmel, necessary trenching, and raising of causeway across Reservoir "D"..... 54

To prepare plans and specifications for doing work required to secure rock cliff near shaft 25..... 62

To employ six men for work at Carmel, from eligible list of Laborers,... 67

To purchase horse for use at Carmel. 67, 85

To order iron covering for flume in Jerome Park Reservoir. 69

Action of, in accepting bid for distributing stone monuments on Croton River Division, approved 86

To procure posts and pipes for fences on top of Auxiliary Carmel Dam... 86

Submits estimate for retaining masonry, near shaft 25. 92

To have ball-bearings placed on gates of Brewster and Carmel Dams ... 97

Submits estimate for constructing keeper's house, etc., at Jerome Park Reservoir 106

To examine and modify Old Croton Aqueduct near Old Croton Dam ... 106

To have additional work required at shaft 25 done by John T. ... 106

	PAGE
Citizens Savings and Loan Association of Akron, Ohio—	
Transmits copy of promisory note of Palge, Carey & Co., relating to work on Sections 7 and 9.....	151
Civil Service Commission—	
Classify grade of Inspector of Masonry	87
To examine James Gregory "for fitness" for reinstatement.....	128
Claims—	
Settlement of, on Sections 2 to 9 inclusive, proposed.....	141
Settlement of, on Sections 10B, 11A and 16, declined.....	142
Clark & Co.—	
Assign moneys due on contract for tunnel and masonry drain at Jerome Park Reservoir.....	78
Claim for extra compensation denied.....	111
Assign contract for tunnel and masonry drain at Jerome Park Reservoir.	113
Lien filed by Stephen O'Rourke against.....	119
Cole, George R.—	
Bill for use of teams, approved.....	35
Appointed Driver with team	67
Discharged	122
Coleman, Brenchaud & McMullen—	
Assignment of contract for New Croton Dam to, declined.....	103
Coleman, James S.—	
Amount of bill for extra work, changed.....	126
Coleman, Ryan & Brown—	
Bill for grouting foundation of New Croton Dam, approved.....	72, 90
Ask approval of assignment of contract for New Croton Dam.	103
Bill for extra work, approved.....	116
Pay for use of buildings occupied by them near New Croton Dam.....	123
Amount of bill for extra work.....	126
Commissioners of Public Parks—	
Approve of plan of toe-wall to be built for protection of gate-house at Shaft 25.	72
Commissioner of Public Works—	
Additional marginal strip of land around East Branch Reservoir, to be transferred to	32
Same transferred.....	35
Requested to prepare and submit map showing land necessary to be taken for protection of Bog Brook Reservoir.....	50
Submits final plan sheet and property maps of additional lands for Double Reservoir "T".....	67-68

INDEX.

VII

PAGE

Submits form of contract, specifications and bond for retaining masonry near Shaft 25.....	88
Submits forms of contract, specifications and bond for keeper's house, etc., at Jerome Park Reservoir.....	126
Submits forms of contract, specifications and bond for retaining, and stairway, masonry, etc., near Shaft 25.....	159
Submits forms of contract, specifications and bond for stone-wall fences for New Croton Reservoir.....	160
Committee of Finance and Audit—	
Elected.....	20
Comptroller—	
Vouchers certified to 1, 19, 21, 25, 29, 31, 33, 38, 45, 48, 52, 58, 59, 63, 66, 69, 71, 77, 81, 83, 85, 89, 108, 111, 114, 115, 118, 124, 127, 129, 132, 140, 147, 149, 154, 157	
Gives notice of issue of warrants not certified to by Aqueduct Commissioners.....	23, 35, 39, 51, 63, 101, 111, 116, 133, 147, 160
Gives notice of bonds issued to credit of Additional Water Fund.....	39, 112, 116
Authorized to pay rent of Aqueduct Commissioners' offices.....	51
Requested to raise money for use of Aqueduct Commissioners.....	79, 150
Maps and descriptions of all lands acquired by Aqueduct Commissioners transmitted to.....	139
Construction or Executive Committee—	
Elected.....	20
Contract—	
Extension of time granted to complete fences, etc., at Reservoir "D".....	1
Extension of time granted to complete fences, etc., at Reservoir "M". ...	1
Completion of, for constructing fences, etc., at Reservoir "D".....	5
Completion of, for constructing fences, etc., at Reservoir "M".....	34
For stone monuments, awarded to John Pierce.....	38
Assignment of, for Jerome Park Reservoir.....	74
Forms of, for retaining masonry near Shaft 25, approved.....	83
Assignment of, for New Croton Dam, proposed.....	103
For retaining and other masonry near Shaft 25, awarded to John Twinnam.....	110
Assignment of, for tunnel and masonry drain at Jerome Park Reservoir..	113
Forms of, for keeper's house, etc., at Jerome Park Reservoir, approved...	126
For constructing keeper's house, etc., at Jerome Park Reservoir, awarded to Mahoney Brothers.....	145
Forms of, for retaining and stairway masonry, etc., near Shaft 25, approved.....	176
Forms of, for stone-wall fences for New Croton Reservoir, approved.....	176

	PAGE
Coolidge, Prescott H., (Axeman)—	
Resigned	113
Corbin, William J.—	
Appointed Driver with team	67
Discharged	122
Cornish, Samuel—	
Appointed Driver with team	67
Discharged	122
Cortlandt, Town of—	
Bill for taxes, approved.....	88, 108, 111
Cortlandt, Town of (School District No. 3)—	
Bill for taxes, approved.....	138
Cortlandt, Town of (School District No. 5)—	
Bill for taxes, approved.....	146
Cortlandt, Town of (School District No. 19)—	
Bill for taxes, approved.....	58
Coughlan, James J.—	
Bids for constructing retaining masonry, etc., near Shaft 25	106
Counsel to the Corporation—	
Transmits transcript of judgment in De Canio vs. Mayor	8
Transmits transcript of judgment in Scott vs. Mayor.....	62
Property maps of additional lands at Double Reservoir "I" transmitted to.	68
County Treasurer of Westchester County—	
To be notified of protest of Aqueduct Commissioners against renewal of license to Reuben Searles	60
Craven, Alfred (Division Engineer)—	
Designated as "Acting Chief Engineer".....	32
Creuzbaur, R. W.—	
Appointed Assistant Engineer	2
Curran, Patrick F.—	
Granted extension of time to complete fences, etc., at Reservoir "D".....	1
Completes same.....	5
Curry, Thomas—	
Appointed Inspector of Masonry	107
Curtain, Michael—	
Appointed Laborer.....	145

INDEX.

IX
PAGE

Cusick, Michael (Laborer)—	
Detailed to Jerome Park Reservoir and Shaft 25	138
Cusack, Michael F.—	
Submits bid for constructing keeper's house, etc., at Jerome Park Reservoir	136

D.

De Canio, Francis—	
Voucher, for judgment, for salary	8
Decker, Lorenzo J.—	
Appointed Laborer	145
Discharged	159
Denning, Peter (Laborer)—	
Discharged	22, 34
Appointed	57
Department of Public Parks—	
Accept as completed that portion of Harlem River Driveway, near Shaft 25, which is required for temporary use by Aqueduct Commissioners.	118
Department of Public Works—	
Reservoir "M" to be transferred to	3
Same transferred	35
William James, Machinist, transferred to	47
Reservoir "D" to be transferred to	125
Same transferred	131
Dienst, Adam P.—	
Files lien against Clark & Co.	124
Dismissals—	
William Gray, Assistant Engineer, John Simmons and R. B. Wixom, Axemen	7
George Oakley, Charles E. Abel, John Kelly, William Malone and Richard O'Brien, Laborers	7
Patrick J. O'Toole, Foreman of Laborers	21
James R. Ostrander, Eli W. Hart, James May, George Foss, Gerhart Raters and August Anderson, Laborers	22
James Gregory, Janitor, and Peter Denning, Laborer	22
Charles A. Thomas, Axeman	25
Thomas Duffy, Martin Towey, George Foss and Charles E. Abel, Laborers	43

	PAGE
George Oakley and John Morf, Laborers.....	66
Darby Ford, Laborer.....	69
George A. Hammond, First Helper.....	89
Stephen M. Lyons, Axeman.....	115
James Ostrander, Gerhard Raters, Ell W. Hart, James May, George Foss, August Anderson, John Kelly, William Malone, Charles E. Abel, Richard O'Brien, James P. Rogers, John M. Strang, William H. Adams, John Morrison and Jacob Tompkins, Laborers; Thomas J. Brennan, William J. Corbin, Joseph Gordon, R. B. Wixom, Samuel Cornish, Thomas Finnaughty and George R. Cole, Drivers with teams....	122
Morris Murphy, Driver.....	138
William R. Palmer, Robert E. Fisher, William Oakley and Peter W. Remsen, Laborers.....	138
Frank J. Bauman, Laborer.....	153
Lorenzo J. Decker and Cortright Tice, Laborers.....	159
Double Reservoir "I" (See "East Branch Reservoir")—	
Driver—	
Morris Murphy, discharged.....	138
Drivers with Teams—	
Thomas J. Brennan, W. J. Corbin, Joseph Gordon, George R. Cole, R. B. Wixom and Samuel Cornish, appointed.....	67
Thomas Finnaughty, appointed.....	71
Thomas J. Brennan, William J. Corbin, Joseph Gordon, R. B. Wixom, Samuel Cornish, Thomas Finnaughty, and George R. Cole, dis- charged.....	122
Duane, James C.—	
Elected President of the Aqueduct Commissioners.....	1
Resolutions concerning death of.....	139
Duffy, Thomas—	
Temporarily employed as Laborer.....	43
Discharged.....	43
Dwyer, Thomas—	
Bids for constructing retaining masonry, etc., near Shaft 25....	106
Bids for constructing keeper's house, etc., at Jerome Park Reservoir....	136

INDEX.



A.

Abel, Charles E. (Laborer)—	PAGE
Discharged.....	7, 122
Temporarily employed and discharged.....	48
Appointed	61
Abstract of Trial Balance—	
Presented.....	9, 90
Acting Chief Engineer—	
Alfred Craven, Division Engineer, designated as	82
Adams, William H.—	
Appointed Laborer.....	71
Discharged.....	122
Additional Water Fund—	
Bonds issued to credit of.....	39, 112, 116
Secretary reports transmission of moneys to credit of, viz.:	
Proceeds from sale of buildings at Katonah.....	3, 51, 79, 151
Proceeds from refund of taxes from School District No. 10, Town of Carmel	9
Proceeds from rental of buildings on Croton River Division.	
..... 9, 26, 36, 44, 55, 68, 79, 90, 114, 118, 180, 146	
Proceeds from sale of timber and iron at Purdy's Station.....	26
Proceeds from rental of buildings on New Croton Dam Division.....	
..... 30, 38, 51, 62, 87, 114, 116, 123, 138, 146	
Proceeds from rental of level and planimeter.....	62
Proceeds from refund of taxes by former owners of land in Towns of Newcastle, Lewisboro, North Salem and Bedford	70
Proceeds from sale of grass on Croton River Division... ..	79
Proceeds from sale of buildings in Croton Falls.	79
Proceeds from sale of Aqueduct Commissioners' Reports.....	114, 138
Proceeds from sale of contract drawings.....	114
Proceeds from sale of machinery in milk factory at Purdy's Station...	132
Proceeds from sale of buildings in Town of Somers.	132

	PAGE
Fisher, Robert E.—	
Appointed Laborer.....	122
Discharged.....	138
Ford, Darby—	
Appointed Laborer and discharged.....	69
Foremen—	
Patrick J. O'Toole, discharged.....	21
Foss, George (Laborer)—	
Discharged.....	22, 122
Temporarily employed and discharged.....	43
Appointed..	61
Fox, Edward—	
Voucher for judgment, for salary.....	123
Fuller, Charles—	
Employed as Watchman.....	57
Finnaughty, Thomas—	
Appointed Driver with team.....	71
Discharged	122

G.

Ganung, Bailey—	
Bids for furnishing stone monuments	38
Ganung, Ira—	
Bids for hauling and distributing monuments.....	121
Gates, Church E. & Co. —	
To furnish fence posts for Auxiliary Carmel Dam... ..	106
Gilmore, William—	
Granted extension of time to complete fences, etc., at Reservoir "M"....	1
Completes same.....	34
Bill for moving furniture, grading and posts, approved.....	37
To repair highway in Croton Falls.....	42, 54
Gordon, Joseph—	
Appointed Driver with team.....	67
Discharged.....	122
Gorham Manufacturing Company—	
To furnish memorial tablets for aqueduct, dams and gate-houses.....	155

INDEX.

XIII
PAGE

Gowen, Mrs. C. S.—	
Bill for rent of stable, approved	49
Gray, William (Assistant Engineer)—	
Honorably discharged.....	7
Same rescinded and leave of absence granted.....	29
Greenburgh, Town of (Board of Education, District No. 5)—	
Bill for taxes, approved.....	78
Gregory, James (Janitor)—	
Discharged	22
Same rescinded, and again discharged.....	26
To be examined for reinstatement.....	123
Appointed Patrolman.....	125
Groub, Jefferson (Purveyor)—	
Bill for payment of taxes, approved.....	58

H.

Hall, E. E.—	
Bill for paper-hanging, approved.....	21
Hall, George W.—	
Settlement for lands of, disapproved.....	8
Halstead, Charles—	
Bids for repairing Wire Mill Bridge.....	156
Hammond, George A. (First Helper)—	
Employed for one day.....	89
Hanney, Mrs. J. J.—	
Bills for washing towels, approved.....	21
Harlem River Driveway—	
Department of Public Parks accept as completed that portion of drive- way near Shaft 25 which is required for temporary use by Aqueduct Commissioners.....	118
Hart, Eli W. (Laborer)—	
Discharged	22, 122
Appointed.....	61
Hart, John J.—	
Submits bid for constructing keeper's house, etc., at Jerome Park Reservoir.....	136
Heuss, Adolph—	
Bids for furnishing stone monuments	38

	PAGE
Highway—	
In Croton Falls, to be repaired by William Gilmore	42, 54
Hoyt, Robert (Rodman)—	
Resignation of	33
I.	
Inspector of Masonry—	
Grade of, re-established	77
Confirmed by Civil Service Commission and Acting Mayor	87
Thomas Curry, appointed	107
J.	
Jadin, August (Rodman)—	
Granted leave of absence	7, 61
James, William (Machinist)—	
Transferred to Department of Public Works	47
Janitor—	
James Gregory, discharged ..	22
Same rescinded, and again discharged	26
Jerome Park Reservoir—	
Office furniture and documents at Titicus Dam office to be transferred to office at	22
Same transferred	34
Bill for tunnel drain in, approved.	34
Iron covering for flume in, to be ordered	69
Assignment of contract for	74
Awards for property taken for construction of	78
Assignment of contract for tunnel and masonry drain at ..	113
Bids for constructing keeper's house, etc., at, received ..	135
Contract for same awarded to Mahoney Brothers	145
Johnson, John F.—	
Submits bid for constructing keeper's house, etc., at Jerome Park Reservoir	136
Judgments—	
In favor of Francis De Canio, Inspector of Masonry	8
" Edward R. Scott, " "	62
" Edward Fox, " "	123

INDEX.

XV
PAGE

K.

Keating, Edward F.—

To furnish iron railing for fence on Auxiliary Carmel Dam..... 107

Kelly, John (Laborer)—

Discharged..... 7, 122

Appointed..... 61

Kelly & Kelley—

Bid for constructing keeper's house, etc., at Jerome Park Reservoir..... 136

Kent, Town of—

Bill for taxes, approved..... 8, 72

Kent, Town of (School District No. 6)—

Bill for taxes, approved... .. 118

Kent, Town of (School District No. 9)—

Bill for taxes, approved..... 126

Knowles, Z. M.—

Immediate possession to be taken of property formerly belonging to..... 122

L.

Laborers—

George Oakley, Charles E. Abel, John Kelly, William Malone and Richard O'Brien, discharged..... 7

James R. Ostrander, Eli W. Hart, James May, George Foss, Gerhart Raters, August Anderson and Peter Denning, discharged..... 22

Thomas Duffy, Martin Towey, George Foss and Charles E. Abel, appointed and discharged..... 43

John McCormick, salary increased..... 44

Peter Denning, appointed..... 57

James R. Ostrander, Gerhart Raters, Eli Hart, George Oakley, John Morf, James May, George Foss, August Anderson, John Kelly Charles E. Abel, William Malone and Richard O'Brien, appointed.... 61

George Oakley and John Morf, discharged..... 66

Darby Ford, appointed and discharged..... 69

John Morrison, John M. Strong, William H. Adams, James P. Rogers and Jacob Tompkins, appointed..... 71

William Oakley and Arther J. Matthews, appointed..... 89

Peter W. Remsen, appointed... .. 110

Arthur J. Matthews, appointment rescinded..... 110

	PAGE
James Ostrander, Gerhart Raters, Eli W. Hart, James May, George Foss, August Anderson, John Kelly, William Malone, Charles E. Abel, Richard O'Brien, James P. Rogers, John M. Strong, William H. Adams, John Morrison and Jacob Tompkins, discharged.....	122
Robert E. Fisher and William R. Palmer, appointed.....	122
Michael Curtain and Cortright Tice, appointed	137, 145
Michael Cusick, detailed to Jerome Park Reservoir and Shaft 25	138
Frank J. Bauman and Lorenzo J. Decker, appointed	145
Frank J. Bauman, discharged.....	153
Land—	
Settlement for, of George W. Hall, disapproved	8
Additional marginal strip of, around East Branch Reservoir, to be trans- ferred to Commissioner of Public Works.	32
Same transferred.....	35
Maps and descriptions of all lands acquired by Aqueduct Commissioners transmitted to Comptroller.....	139
Lawrence Bros.—	
Bid for furnishing fence posts for Auxiliary Carmel Dam.....	106
Leave of Absence—	
J. de T. Lentilhon, Rodman	7
August Jadin, Rodman.....	7, 61
William Gray, Assistant Engineer.	29
Alphonse Fteley, Chief Engineer.....	32
William S. Page, Assistant Engineer.....	115
Lentilhon, J. de T. (Rodman)—	
Granted leave of absence.....	7
Detailed to Jerome Park Reservoir and Shaft 25.....	138
Lewisboro, Town of—	
Bills for taxes, approved.....	48, 73
Lewisboro (and Bedford) Towns of (School District No. 10)—	
Bills for taxes, approved.....	29, 126
Lewisboro and North Salem, Towns of (School District No. 8)—	
Bill for taxes, approved.....	8

INDEX.

XVII
PAGE

Liens filed—

Stephen O'Rourke against Clark & Co. and J. B. McDonald.....	119
Adam P. Dienst and Henry Seib against Clark & Co....	124
Antonio Perotto, Pasquale Carotsi, Rafele De Rosa, Cimi Trombetta, Carmino Jachiano, Palmeri Giuseppe, Pasquale Sieignano, Vincenzo Montefusco, Andre Gradciola, Conato Loungo, Salvino Putsalo, Joseph Giezo, Salvatore Perrotto, Patsey Genona, Francesco Larossi, Salvatore Campanaro, Modestino Cviscitello, Armibale Sacchetti, Giovanni Mauno, Alfonso Scorrano, Domenico Mauro and Alfonso Petrolli against John B. McDonald	147

Lobdell, A. F.—

Present at public hearing	65
---------------------------------	----

Lyon, William J. (Deputy Comptroller)—

Present... ..	108
---------------	-----

Lyons, Stephen M. (Axeman)—

Discharged	115
------------------	-----

M.

McCormick, John (Laborer)—

Salary increased.....	44
-----------------------	----

McDonald, John B.—

Bill for tunnel drain in Jerome Park Reservoir, approved.....	84
To construct cabin for Superintendents of Dam Construction at Jerome Park Reservoir.....	49
To furnish iron covering for flume in Jerome Park Reservoir.....	69
Assigns contract for Jerome Park Reservoir.....	74
Contract for tunnel and masonry drain at Jerome Park Reservoir, assigned to.....	113
Lien filed by Stephen O'Rourke against....	119
Liens filed against.....	147
Granted extension of time to complete contract for tunnel and masonry drain at Jerome Park Reservoir.....	156

McDonald & Onderdonk—

Contract for Jerome Park Reservoir, assigned to.....	74
--	----

McMullen & Co., Arthur—

Bill for tunnel in rock foundations at New Croton Dam, approved.....	85
Bill for drilling foundation, &c., of New Croton Dam, approved.....	129

Machinist—	PAGE
William James, transferred to Department of Public Works	47
Mahoney Brothers—	
Submit bid for constructing keeper's house, &c., at Jerome Park Reservoir	136
Contract for same awarded to	145
Malone, Richard A.—	
Submits bid for constructing keeper's house, &c., at Jerome Park Reservoir	136
Malone, William—(Laborer)	
Discharged.	7, 122
Appointed	61
Maps—	
Final plan sheet and property maps of additional lands at Double Reservoir "I"	67, 68
Showing toe wall to be built for protection of gatehouse at Shaft 25, to be approved	72
To be prepared for :	
Protection of rock at Shaft 25	145
Boundary wall around New Croton Reservoir	146
Modification of Old Croton Aqueduct near Old Croton Dam	146
Matthews, Arthur J.—	
Appointed laborer	89
Appointment rescinded	110
May, James (Laborer)—	
Discharged	22, 122
Appointed	61
Miersch, Oscar—	
Bill for transportation, approved	87
Monuments—	
To be placed upon boundaries of additional marginal land around East Branch Reservoir	28
To be distributed on Croton River Division	86
To be distributed on New Croton Dam Division	121
Moore, Henry C.—	
Submits bid for constructing keeper's house, &c., at Jerome Park Reservoir	136
Moran, P. J.—	
Bids for retaining masonry, &c., near Shaft 25	106

INDEX.

xix
PAGE

Morf, John—	
Appointed Laborer.....	61
Appointment revoked.....	67
Morrison, John—	
Appointed Laborer.....	71
Discharged.....	122
Motley & Co., T. N.—	
Bid for furnishing iron railing for fence on Auxiliary Carmel Dam.....	107
Mount Pleasant, Town of—	
Bill for taxes, approved.....	44
Murphy, Morris—	
Discharged.....	188
Murray, Peter A.—	
Appointed Cement Worker.....	108

N.

Nally Co., Christopher—	
Submits bid for constructing keeper's house, etc., at Jerome Park Reservoir.....	186
Not permitted to withdraw same.....	144
Nason Manufacturing Co.—	
Bids for furnishing iron railing for fence on Auxiliary Carmel Dam.....	107
Nelson Brothers—	
Immediate possession to be taken of property formerly belonging to.....	122
New Castle, Town of—	
Bills for taxes, approved.....	58, 78
New Croton Dam—	
Property at Reservoir "M" transferred to office at.....	34
Bill for work done on tunnel in rock foundations at, approved.....	35
Bill for grouting foundation of, approved.....	72
Assignment of contract for, proposed.....	103
Report concerning strike at ...	129
New Croton Reservoir—	
Dispossess proceedings to be commenced against certain former owners of lands acquired for.....	86
Bids of L. W. Elliott for distributing boundary monuments for, accepted.	86, 121
North Salem and Lewisboro, Towns of (School District No. 8)—	
Bill for taxes, approved.....	8

	PAGE
North Salem, Town of—	
Bills for taxes, approved.....	44, 62
North Salem, Town of (School District No. 5)—	
Bill for taxes, approved.....	154
North Salem, Town of (School District No. 6)—	
Bill for taxes, approved.....	154
O.	
Oakley, George (Laborer)—	
Discharged	7
Appointed	61
Appointment revoked.....	66
Oakley, William—	
Appointed Laborer.....	89
Discharged	138
O'Brien, John—	
Bids for furnishing stone monuments	38
O'Brien, Richard (Laborer)—	
Discharged	7, 122
Appointed	61
Offices—	
To be rented, in Stewart Building.....	44
O'Rourke, Stephen—	
Files lien against Clark & Co. and J. B. McDonald.....	119
Ossining, Town of—	
Bill for taxes, approved.....	44
Ostrander, James R. (Laborer)—	
Discharged	22, 122
Appointed	61
O'Toole, Patrick J. (Foreman of Laborers)—	
Discharged	21
Outhouse, Alonzo C.—	
Bids for hauling and distributing monuments	121

INDEX.

XXI

P.

Paddock, Mrs. Auralla—	PAGE
Represented at public hearing.....	65
Page, William S. (Assistant Engineer)—	
Granted leave of absence.....	115
Paige, Carey & Company—	
Assign claims on Sections 7 and 9.....	151
Pallidino, Antonio—	
Bids for hauling and distributing monuments.....	121
Palmer, George—	
Bill for transportation, approved.....	37
To be dispossessed from premises occupied by him	132
Palmer, William R.—	
Appointed Laborer.....	122
Discharged.....	138
Patrolman—	
James Gregory, appointed.....	125
Patterson Brothers—	
Vouchers in favor of, ordered cancelled.	129
Peirce, John—	
Awarded contract for stone monuments	38
Pentz, A. F. (Auditor)—	
Salary of, increased.....	80
Power, Maurice J.—	
Appointed Aqueduct Commissioner.....	153
President (James C. Duane)—	
Elected.....	1
To transfer Reservoir " M " to Department of Public Works.....	3
Transfers same.....	26
To transfer additional marginal strip of land around the East Branch Reservoir to Commissioner of Public Works....	32
Transfers same	35
To advertise sale of buildings at public auction in Katonah.....	42
To enter into lease for rental of offices in Stewart Building.....	44
To advertise notice of public hearing on additional lands to be taken for protection of Bog Brook Reservoir.....	50

	PAGE
To advertise sale of buildings at public auction in Croton Falls and Katonah.....	53
To advertise sale at public auction of machinery in milk factory at Purdy's Station.....	55
To certify approval of Aqueduct Commissioners on map showing toe wall to be built for protection of gate house at Shaft 25.....	72
To advertise for bids for constructing retaining masonry near Shaft 25....	88
To transfer Reservoir "D" to Department of Public Works.....	123
To advertise for bids for constructing keeper's house, etc., at Jérôme Park Reservoir.	127
Transfers Reservoir "D" to Department of Public Works	181
Resolutions concerning death of.....	139
Property Maps (see "Maps").....	
Public Hearing—	
To be given on additional lands for protection of Bog Brook Reservoir...	50
Same held and closed.....	65
Purdy, William—	
Pays rent for buildings at New Croton Dam.....	80
 R. 	
Raters, Gerhart (Laborer)—	
Discharged	22, 122
Appointed.....	61
Remsen, Peter W.—	
Appointed Laborer.....	110
Discharged.....	138
Rents—	
Received for buildings on Croton River Division.....	9, 26, 36, 44, 55, 68, 79, 90, 114, 118, 130, 146
Received from buildings at New Croton Dam.....	30, 38, 51, 62, 87, 114, 116, 123, 138, 146
Received from level and plainmeter	62
Reservoir "D"—	
Extension of time granted to complete fences, etc., at.....	1
Completion of same	5
Table showing contents of	6

INDEX.

XXIII

PAGE

Authority given to have done work required for taking care of percolation of water under Auxiliary Dam at Carmel, necessary trenching, and raising of causeway across	58
Fences to be built on top of Auxiliary Dam at.....	86
Posts for same to be furnished by Church E. Gates & Co.....	107
Iron railing for same to be furnished by Edward F. Keating.....	107
Ball-bearings to be placed on gates of dam.....	117
Main and auxiliary dams to be transferred to Department of Public Works.....	125
Transferred	181
Reservoir " M "—	
Extension of time granted to complete fences, etc., at	1
To be transferred to Department of Public Works	8
Office furniture and documents at, to be transferred to Jerome Park Reservoir office.....	22
Transferred to Department of Public Works.....	26
Experiments to be made on gates at.....	78
Resignations—	
Robert Hoyt, Rodman.....	88
Prescott H. Coolidge, Axeman ..	118
Roak, Polaski—	
To be dispossessed from premises occupied by him.....	132
Rodgers, John C.—	
Bill for extending overflow pipes from Shaft 25, approved. . .	87
Department of Public Parks accept as completed that portion of Harlem River Driveway, near Shaft 25, which is required for temporary use by the Aqueduct Commissioners.	118
Rodgers, William John—	
Bids for constructing retaining masonry, etc., near Shaft 25	106
Rodman—	
J. de T. Lentilhon granted leave of absence....	7
August Jadin granted leave of absence.....	7, 61
Robert Hoyt, resignation of.....	88
Julian Thornley, salary increased.....	116
J. de T. Lentilhon detailed to Jerome Park Reservoir and Shaft 25.....	188
Rogers, James P.—	
Appointed Laborer.....	71
Discharged	122

Ryan, C. & P.—

Submit bid for constructing keeper's house, etc., at Jerome Park Reservoir	136
--	-----

S.

Salary—

Of John McCormick, Laborer, increased	44
Of A. F. Pentz, Auditor, increased	80
Of Julian Thornley, Rodman, increased	116

Schermerhorn Bank of Brooklyn, N. Y.—

Moneys due on contract for tunnel and masonry drain at Jerome Park Reservoir assigned to	73
--	----

Scott, Edward R. (Inspector of Masonry)—

Voucher, for judgment rendered, for salary	62
--	----

Searles, Reuben—

Aqueduct Commissioners protest against renewal of license to	60
--	----

Secretary (Edward L. Allen)—

Reports proceeds from sale of buildings at Katonah	3, 51, 79, 151
Reports proceeds from refund of taxes from School District No. 10, Town of Carmel	9
Reports proceeds from rents on Croton River Division	9, 26, 36, 44, 55, 68, 79, 90, 114, 118, 130
Presents abstract of trial balance	9, 90
Reports proceeds from sale of timber and iron at Purdy's Station	26
Reports proceeds from rental of buildings on New Croton Dam Division	30, 38, 51, 87, 62, 114, 116, 123, 138
To advertise sale of buildings at public auction in Katonah	42
To advertise notice of public hearing on additional lands to be taken for protection of Bog Brook Reservoir	50
To advertise sale of buildings at public auction in Croton Falls and Katonah	53
To advertise sale of machinery at public auction in milk factory at Purdy's Station	55
Reports proceeds from rental of level and plainmeter	62
Reports proceeds from refund of taxes by former owners of land in Towns of New Castle, Lewisboro, North Salem and Bedford	70
Reports proceeds from sale of grass on Croton River Division	79
Reports proceeds from sale of buildings in Croton Falls	79
To advertise for bids for constructing retaining masonry near Shaft 25	83

INDEX.

XXV

PAGE

To receive bids for retaining masonry near Shaft 25	89
Reports proceeds from sale of Aqueduct Commissioners' report	114
Reports proceeds from sale of contract drawings.....	114, 138
To advertise for bids for constructing keeper's house, etc., at Jerome Park Reservoir.....	127
Reports proceeds from sale of machinery in milk factory at Purdy's Station	132
Reports proceeds from sale of buildings in Town of Somers.....	132
Transmits to Comptroller maps and descriptions of all lands acquired by Aqueduct Commissioners	139
Reports concerning transfer of city property under jurisdiction of Aqueduct Commissioners and reappointment of subordinates and employees thereunder.....	154
Sections—	
Settlement of claims upon 2 to 9 inclusive, proposed	141
Settlement of claims for 10B, 11A, and 16, declined	142
Assignment of claims on 7 and 9 presented	151
Selb, Henry—	
Files lien against Clark & Co.....	124
Settlement—	
With former contractors proposed.....	141
Sheriff of Westchester County—	
Requested to appoint and detail Deputy Sheriff to take care of property of City of New York in said county	55
Simmons, John (Axeman)—	
Honorably discharged	7
Skinner & Connolly—	
To experiment on gates at Titicus Dam	78
To place ball bearings on gates at Brewster and Carmel Dams.....	117
Somers, Town of—	
Bill for taxes, approved.....	58
Somers, Town of (School District No. 1)—	
Bill for taxes, approved.....	8
Somers, Town of (School District No. 4)—	
Bill for taxes, approved.....	132
Stewart, Frederick—	
Transmits copy of promisory note of Paige, Carey & Co. and assignment of claims against Sections 7 and 9.....	15

Stewart, Robert L.—

Submits bid for constructing keeper's house, etc., at Jerome Park Reservoir.....	136
--	-----

Strang, John M.—

Appointed Laborer.....	71
Discharged	122

T.

Tablets—

Memorial, for aqueduct, dams and gate-houses, to be made.....	155
---	-----

Taxes—

Bills approved :

Town of Carmel	8
Town of Kent.....	8, 72
School District No. 1, Town of Somers.....	8
School District No. 8, Towns of Lewisboro and North Salem.....	8
School District No. 10, Towns of Bedford and Lewisboro.....	29, 126
Town of Bedford.....	34, 47, 73
Town of Cortlandt.....	38, 108, 111
Town of North Salem.....	44, 62
Town of Ossining.....	44
Town of Mount Pleasant.....	44
City of Yonkers.....	47
Town of Yorktown.....	47, 108, 111
Town of Lewisboro.....	48, 73
School District No. 19, Town of Cortlandt.....	58
Town of New Castle.....	58, 73
Town of Somers.. . . .	58
Board of Education, District No. 5, Town of Greenburgh.. . . .	73
Village of Ardsley	73
School District No. 6, Town of Kent.....	118
School District No. 10, Town of Carmel.....	123
School District No. 6, Town of Yorktown.....	123
School District No. 7, Town of Bedford.....	123
School District No. 9, Town of Kent.....	126
School District No. 10, Town of Bedford.... .	132
School District No. 6, Town of Carmel.....	132
School District No. 4, Town of Somers.....	132
School District No. 3, Town of Cortlandt.....	138
School District No. 5, Town of Yorktown...	146

INDEX.

XXVII

	PAGE
School District No. 8, Town of Yorktown.....	146
School District No. 6, Town of Bedford.....	146
School District No. 13, Town of Bedford.....	146
School District No. 9, Town of Bedford.....	146
School District No. 5, Town of Cortlandt.....	146
School District No. 5, Town of North Salem.....	154
School District No. 6, Town of North Salem.....	154
School District No. 7, Town of Yorktown.....	154
Road District No. 74, Town of Yorktown.....	156
Telfer, George—	
Bids for constructing keeper's house, etc., at Jerome Park Reservoir.....	186
Thomas, Charles A. (Axeman)—	
Request for additional leave of absence, denied.....	25
Discharged.....	25
Thornley, Julian (Rodman)—	
Salary increased.....	116
Tice, Cortright—	
Appointed Laborer.....	145
Discharged.....	159
Tompkins, Jacob—	
Appointed Laborer.....	71
Discharged.....	122
Towey, Martin—	
Temporarily employed as Laborer.....	48
Discharged.....	48
Trial Balance—	
Abstract of, presented.....	9, 90
Tucker, John J.—	
Elected Vice-President of the Aqueduct Commissioners.....	1
Twigger, F.—	
To be dispossessed from premises occupied by him.....	182
Twigger, Walter E.—	
Bids for hauling and distributing monuments.....	121
Twiname, John—	
Bids for constructing retaining masonry, etc., near Shaft 25.....	106
Contract for same awarded to.....	110
Bids for constructing keeper's house, etc., at Jerome Park Reservoir....	186

	PAGE	
Granted extension of time to complete contract for retaining masonry, etc.,		Y
at Shaft 25	145	
To do additional work required at Shaft 25.....	150	Y
V.		
Vice-President (John J. Tucker)—		
Elected	1	
Vouchers—		
Certified to Comptroller.....1, 19, 21, 25, 29, 31, 33, 38, 45, 48, 52, 58, 59, 63, 66,		
69, 71, 77, 81, 83, 85, 89, 108, 111, 114, 115, 118, 124,		
127, 129, 132, 140, 147, 149, 154, 157		
Cancelled : Taxes, Towns of Cortlandt and Yorktown	111	
Patterson Brothers	129	
W.		
Warrants—		
Not certified to by Aqueduct Commissioners	28, 35, 39, 51, 63, 101	
Watchman—		
Charles Fuller, employed as.....	57	
Watkins, Frederick W. (Assistant Engineer)—		
Detailed to Jerome Park Reservoir and Shaft 25.	188	
Wegmann, Edward (Division Engineer)—		
To take immediate possession of property formerly belonging to Nelson		
Brothers and Z. M. Knowles	122	
Whitman, George—		
Bill for inspecting pipe, approved	110	
Wire Mill Bridge—		
To be repaired	156	
Wixom, R. B. (Axeman)—		
Honorably discharged	7	
Appointed Driver with team	67	
Discharged	122	
Wright, Ezra—		
Bids for furnishing stone monuments.....	38	

INDEX.

XXIX

PAGE

Y.

Yellow Pine Company—

Bids for furnishing fence posts for Auxiliary Carmel Dam..... 106

Yonkers, City of—

Bill for taxes, approved..... 47

Yorktown, Town of—

Bills for taxes, approved.....47, 108, 111

Yorktown, Town of, (Road District No. 74)—

Bill for taxes, approved... .. 156

Yorktown, Town of, (School District No. 5)—

Bill for taxes, approved..... 146

Yorktown, Town of, (School District No. 6)—

Bill for taxes, approved..... 128

Yorktown, Town of, (School District No. 7)—

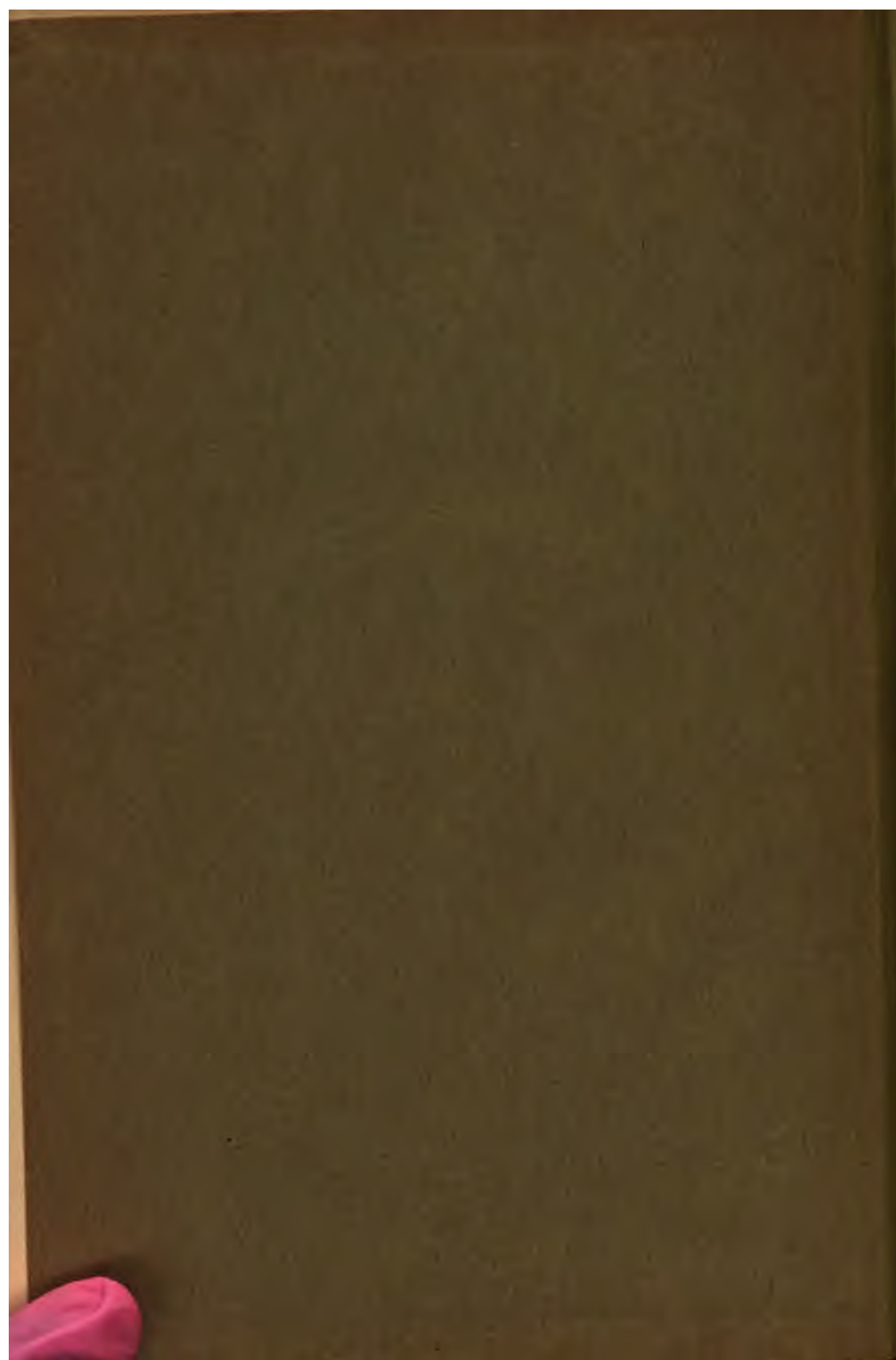
Bill for taxes, approved..... 154

Yorktown, Town of, (School District No. 8)—

Bill for taxes, approved..... 146

92 W





MAR 3 - 1932

